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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1923.

U. S. DEPARTMENT OF AGRICULTURE.

WEATHER BUREAU.

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CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard for the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, 7, 11, and 13, of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provisions of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, 7, 11, or 13 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All observations, with the exception of the 12 noon local mean time observation, will be taken on 75th meridian time, but the standard of time in local use will also be entered.

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data, with the exception of the 12 noon local mean time observation, will be recorded in the standard of time in local use. Data on Form No. 1014, and the notes on Form No. 1083, unless otherwise noted, will be in the standard of time in local use.

FORM No. 4012, MIS.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated and all resulting changes are made in Forms No. 1001, No. 1002, and No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, 10, and 13, and must be kept up to date. All footings on pages 4, 5, 7, and 11 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained form No. 1002 before mailing Form No. 1001.

26. The observation will be begun 20 minutes before 8 o'clock, 75th meridian time. The cipher report should be filed at the telegraph office at 8 a. m. or p. m., 75th meridian time. The 12 noon local mean time observation will be begun exactly at that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when specially directed (see pars. 22, 59, 69, 91, and 221). On Forms No. 1001 and No. 1083 erroneous entries in columns for original readings should have an ink line drawn through them. The obliteration of any entry in columns for original readings on Forms No. 1001 and No. 1083 is prohibited.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station at a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer" the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, + .008. The temperature correction card gives a correction of − .089, to which add the sum of correction +.008 = −.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum temperatures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the corrected thermograph reading 12 hours previous to the time of the special.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

47. Instrumental corrections will not be applied to thermometer readings except when they are ± 0.3 or more in the case of mercurial thermometers, and ± 0.5 or more in the case of minimum or alcohol thermometers, except when the temperature is 42° or lower; and except when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is −0.5°. The true temperature is, therefore, 62.0° −0.5°=61.5°. For a reading of −8.0° the correction is −1.2°, the true temperature is −8.0° −1.2°= −9.2°. For a reading of −28.0° the correction is +7.8°, the true temperature is −28.0° +7.8°= −20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is −0.6°, and at −28.0° is −2°. The change of correction between +2° and −28° is −1.4°. For 7° it is about −0.3°. For a scale reading of −35.0°, which is 7° below −28.0°, the correction is −2.3°, and the true temperature is −35.0° −2.3°= −37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer readings should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet

bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 219). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 212 and 217–222). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink.

60. In case the register fails to record for a portion of the day, the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. With the exception mentioned in paragraph 71, the actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

67. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

68. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

69. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twi-

light correction thus entered will be included in the sums entered at the bottom of the page.

70. Under " Hours of sunshine " the column headed " Total " will be the total recorded, including twilight correction. The " Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

71. In order that the first and last of the monthly " sums " under " hours ending " shall not be discordant with the " divisors " employed at the end of the month, the first and last fractional proportions of the " twilight correction " will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

72. The " Percentage of possible hours of sunshine " will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the " Possible " for the same date.

73. The daily sunshine percentage may, at the option of the official in charge, be entered on the right-hand margin of page 8, retained Form 1001.

74. The " Percentage of possible for each hour " will be determined by dividing the " Sums," multiplied by 100, by the number of hours of possible sunshine for the entire month, during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the " Hours of possible sunshine " will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The " Percentage of possible " for the month will be determined by dividing the sum of column headed " Total," multiplied by 100, by the " Possible " for the month. The possible hours for the month is not always the sum of the daily totals. (See paragraph 28, Circular G.)

75. All percentages will be recorded to the nearest whole per cent.

76. If at any time, the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

77. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 76, but the record for the entire time will be in black ink, and the entries for the fractional hours will be recorded to hundredths.

78. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

WIND.

79. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 176–179. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

80. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

81. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

82. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

83. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

84. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as " 0 " the direction for that hour will also be " 0."

85. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

86. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

87. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

88. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

89. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

90. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

91. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 165). This velocity will be entered in the space provided at the top of the page.

92. At specially designated stations the number of miles and the length of time from each wind direction will be compiled from the data entered on pages 6 and 7, Form 1001. The number of miles for each particular hour will be credited to the prevailing wind direction for that hour.

Example.

On the 1st: Prevailing wind direction for each hour to 12 noon, W.
Total wind movement to 12 noon, 196.
Prevailing wind direction for each hour, 12 noon to mid., NW.
Total wind movement, 12 noon to midnight, 248.
The record for the 1st: W., 196 miles in 12 hours.
NW., 248 miles in 12 hours.

The sum of the percentages of time from the eight directions should be 100. When this sum is more than 100, deduct 1 per cent from one, or more, of the percentages which was increased most in discarding the decimals, to reduce the sum to 100. Likewise, when the sum is less than 100, add 1 per cent to one, or more, of the percentages according to a similar rule. The same rules apply to the percentage of miles.

CLOUDS.

93. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

94. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few"; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

95. Haze, smoke, and fog will be recorded in tenths, and must be designated as dense or light. These amounts will not be considered in footing up the columns.

96. When dense haze, dense smoke, or dense fog obscures eight-tenths or more of the sky and no other clouds are visible, the state of the weather will be recorded as "Hazy," "Smoky," or "Foggy." Otherwise the state of the weather will be determined by the proportion of visible sky covered with clouds.

98. Haze will not be given a direction. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction. The most frequent kind and direction of clouds, page 9, Form 1001, will be determined by the entries on pages 2, 3, and 11. Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums and averages.

99. If there be two or more levels of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

100. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

101. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

102. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

103. The "Character of day" will be determined from data in column headed "Average cloudiness"; zero to three, inclusive, record "Clear"; four to seven, "Partly cloudy"; eight to ten, "Cloudy."

PRECIPITATION.

104. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

105. When a thunderstorm occurs the international symbol for thunderstorm (⚡) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard time in local use, on which thunder was heard.

106. The amount of rainfall will be determined by measuring with the "Measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

107. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

108. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt or weigh the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

109. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the

gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

110. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observations on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

111. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

112. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

113. The depth of snowfall (maximum depth, less amount, if any, on ground before the period) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted ..... p. m. to ..... p. m.," on page 8. If there are several separate snowfalls within the 24-hour period, each one of which melts before the following one occurs, the total fall for the 24-hour period will be the sum of the maximum depths for each fall.

114. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

115. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the means of three measurements when the snow is drifted), will be entered in the column headed "On the ground at ..... p. m.," page 8.

116. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 114.

117. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

118. Care should be taken in determining the character of precipitation when in the form of sleet or hail.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

119. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven tenths, inclusive, "Partly cloudy"; eight to ten tenths, "Cloudy"; and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 96 and 104). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

120. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, and thunder has been heard or lightning seen within the hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

121. *a.* No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction of clouds.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. +p. m.÷2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2.

h. In determining the highest and lowest pressure for the month the barograph trace will be considered, and if any corrected barograph reading is lower or higher than the recorded station pressure for any regular or special observation, this reading will be entered under the heading "Station" on page 10, to three decimal places, the last decimal being zero. The corrected thermograph reading at the time of this barograph reading will be entered to whole numbers as the "Dry," and the reduced pressure determined according to the rule for special observations. The other entries should indicate the date and time of occurrence. The pressure values thus derived will be used in determining the highest and lowest for the month for entry on page 9. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below, will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 200.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l, unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the non-excessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In computing the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of columns headed "Snowfall, unmelted, ... p. m. to ..... p. m.," page 8.

p. To be determined from page 6 or 13 at stations that prepare either or both pages and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare pages 6 or 13. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 105.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

122. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

123. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

124. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico. In the spring all frosts will be recorded, beginning March 1, in the portions of Washington and Oregon west of the Cascade Mountains.

125. In the spring in all sections, except those mentioned in paragraph 124, the date of occurrence of each frost will be recorded on and after the date that the daily normal temperature is 43°.

126. All frosts occurring at any station between May 1 and August 31 will be recorded.

127. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 124.

128. Frost will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality; and "killing," frost that is destructive to vegetation and staple products.

129. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

130. Page 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

131. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

132. The meteorological notes will be written with a typewriter and the writing should be single spaced. If necessary, an additional sheet will be inserted. A press copy will not be made.

133. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

134. In describing weather conditions and phenomena midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

135. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

136. Whenever a killing frost occurs the "Met'l Notes" will contain a statement of the kinds of vegetation killed, the degree of maturity at the time of the frost, the estimated percentage of loss, and any other facts that favored the formation of frost, or that tended to increase the injury.

137. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes*. If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

138. *a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs within a radius of 25 miles from the station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town, the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

139. Whenever damaging hail falls at or within 25 miles of the station, a report will be made in the "Met'l Notes," stating the size of the stones and the nature of the damage.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar, and lunar; rainbows; coronas; parhelia; paraselenæ and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through, west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed " Total " and " Possible " will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The " Percentage " will be taken from the monthly percentage of " Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. At stations preparing page 13, the prevailing direction for the year will be determined by the direction having the greatest number of hours; at all other stations it will be determined from the sums of " Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed " For the month " from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

153. Page 7, " Wind—number of miles and length of time from each direction," will be prepared at stations that tabulate these data.

FORM No. 1003.

154. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

155. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

156. Enter against the heading " Temperature at the end of hour " the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

157. Under " State of weather " enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be " R. B. 9.15 " in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

158. On the right-hand margin of the form, opposite the heading " Total depth of snow," etc., the total depth of snowfall for the twenty-four hours ending at the local standard time corresponding to 8 p. m., 75th meridian time, will be entered.

159. When necessary, additional data in regard to hail fall and sleet fall, and ground covering of hail, sleet, and ice will be entered.

160. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

161. In the spaces against the heading "Amount of precipitation " will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

162. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated, and a note to that effect will be made.

163. In the spaces headed " Cloudiness and other conditions " the state of the weather will be indicated by the words " Clear," " Partly cloudy," " Cloudy," " Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and the standard astronomical symbol entered to indicate the phase of the moon on the date for the maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The " Character of the day " will be entered in the space provided for it.

164. The space headed " Sunshine " is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

165. In like manner the spaces for " Wind direction " and " Wind movement " will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, " Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017, or No. 1015, whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

166. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

167. Copies of the barograph and thermograph traces, including the red-ink corrections entered on the original trace, will be made on the diagrams at the foot of the page.

168. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

169. All special features will be indexed.

FORMS No. 1015, No. 1017, AND No. 1028.

170. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made, as 75th meridian time, 90th meridian time.

171. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

172. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

173. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

174. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

175. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

176. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.40 p. m. and 7.45 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

177. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

178. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60\div2=30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

179. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

180. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated, thus: Max. 25.

181. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12 gives a velocity of 8.4 miles per hour.

182. The total movement by register for any period will be obtained by counting the number of marks in the period.

183. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91+990=1{,}081$; $1{,}081-950=131$, the total movement of the wind in miles from noon to noon.

184. Velocity of Wind Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

185. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

186. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

187. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon, both readings will be recorded on the sheet just taken from the register.

188. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

189. When both sunshine and rain are recorded on the same sheet the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

190. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

191. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (V) (V), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). When the recording gage is not in use in the winter the check marks indicating beginnings and endings should be omitted. Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

192. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

193. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 29, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 108 and 109.

194. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

195. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

196. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

197. Whenever the weighing gage is emptied at any hour other than noon, the time of precipitation and the amount measured will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

198. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available, otherwise they will be omitted.

199. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

200. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate and the time the precipitation fell below that rate. This, however, must

not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below the excessive rate shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more, the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under " Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	.....	*2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.31 a. m.	.....	*3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

* Continued from line above.

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

201. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

202. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts which is apt to increase with the rate of rainfall and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

203. In general, the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

204. Example 1.—The recorded amount of precipitation is 1.14 and the amount of stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded (1.14÷0.09=12; dropping all fractions).

205. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips (0.86÷0.06=14).

206. In performing the divisions indicated in these examples the observer will always drop all fractions.

207. In many cases the exact point at which a tip is added or stricken out is not of great importance but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

208. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

209. Stick Measurements.—At noon after each precipitation the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

210. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local time, etc.), and date, each day's record being dated as near the noon line for that day as practicable.

211. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

212. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at the exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. The barograph trace should be corrected to agree with the station pressure. When the pen is set higher or

lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 216 to 219.

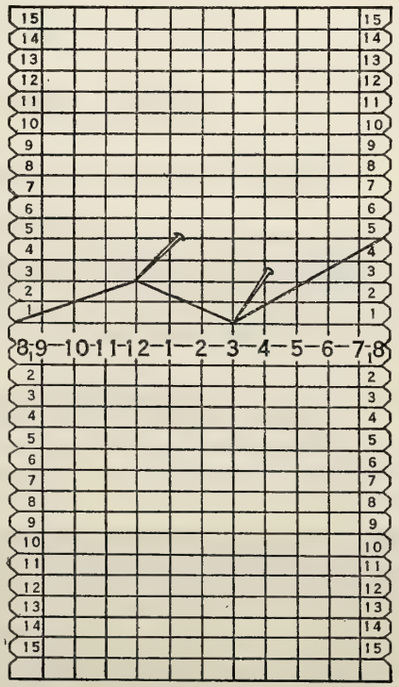
When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

213. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

214. Barograph Time Error.—The barograph pen should be touched at 12 noon, local standard time; if not touched within five minutes of that time a note will be entered giving the exact time the mark was made.

215. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

216. Correction Card, How Used. — Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.



Thermograph correction card.

217. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: —3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5		
+2	+1	+1	0	0	0	—1	—1	—2	—2	—3

This card also will be used in a similar manner for correcting barograph readings.

218. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 212, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

219. The readings of the maximum and minimum thermometers at 8 a. m. and at 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the 24 hours.

220. These corrections will also be entered on the trace sheets and on the copy of the trace on Form 1014, and will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the records.

221. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

222. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

223. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

224. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

225. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

226. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. At stations possessing the necessary printing facilities the information may be published on blank sheets not larger than the standard form, or on cards not larger than one fold (one-fourth part) of the form; but no data called for by the standard form should be omitted, and the designation " Form No. 1030—Met'l " should appear at the top of the sheet or card and on the briefing fold of the sheet. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will be forwarded to the Central Office also on the first day of the succeeding month.

227. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

228. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

229. The regular data called for on Form 1030—Met'l, will be prepared as formerly, but where special tables or other data involving time, as hourly values of temperature, precipitation, and the beginnings and endings of precipitation, etc., are published, they should appear in " local standard time " throughout the year.

FORM No. 1083.

230 Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of January, *1924.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.⊗

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry and Calhoun street, room 911-912 Shoaff Building; first observation taken in present office, 7:00 a m. May 20, 1911. ⊗ Not exposed during the month.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 1924.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	67.5	29.614	.113	29.501	30.48	6.2	5.6	3	85	.044	24.0	6.2	W	11	30	W	T	2	St	W	Clear		PMcD.	1
2	72.5	29.586	.126	29.460	30.44	19.0	17.8	15	82	.081	19.0	10.4	E	11			0	10	St Cu	E	Cloudy		PMcD.	2
3	72.0	29.242	.124	29.118	30.07	25.0	24.0	22	87	.113	33.4	24.6	NW	12			.12	10	St Cu	NW	Cloudy		PMcD.	3
4	74.0	29.622	.130	29.492	30.47	13.8	12.6	9	78	.060	16.9	10.8	SW	5			0	10	St	SW	Cloudy		PMcD.	4
5	71.0	29.686	.123	29.563	30.57	-10.2	-10.6	-14	79	.018	12.0	-10.7	W	15	25	W	T	0	0	0	Clear		PMcD.	5
6	71.0	29.818	.123	29.695	30.72	-9.8	-10.2	-14	79	.018	-6.2	-11.6	SW	16			0	0	0	0	Clear		PMcD.	6
7	70.0	29.468	.119	29.349	30.33	16.0	14.8	11	79	.066	16.0	12.7	SW	12	27	SW	0	10	St Cu	SW	Cloudy		PMcD.	7
8	69.0	29.443	.117	29.326	30.29	20.4	18.9	15	78	.081	26.4	20.2	SW	10			0	0	0	0	Clear		PMcD.	8
9	69.0	29.286	.116	29.170	30.11	36.0	31.4	25	60	.130	39.8	36.0	SW	14			0	6	A St	W	Pt. Cloudy		PMcD.	9
10	71.0	29.028	.120	28.908	29.85	39.4	37.9	36	88	.211	44.9	39.4	SE	12			.12	10	Nb	SE	Lt. Rain		PMcD.	10
11	71.0	28.750	.119	28.631	29.56	29.0	28.0	26	89	.136	44.1	29.0	W	22			.22	10	Nb	W	Lt. Snow		[illegible]	11
12	68.5	29.240	.114	29.126	30.09	26.6	24.6	21	76	.108	27.0	24.9	SW	10			0	10	St Cu	SW	Cloudy		PMcD.	12
13	67.5	29.430	.113	29.317	30.29	14.0	12.9	10	80	.063	24.0	13.8	W	9			0	1	St	W	Clear		PMcD.	13
14	72.0	29.520	.125	29.395	30.38	16.0	14.8	11	79	.066	17.9	14.2	S	5			0	10	St Cu	S	Cloudy		PMcD.	14
15	71.5	29.365	.122	29.243	30.20	21.5	20.0	16	78	.085	26.0	20.2	S	7			0	3	a. St.	W	Clear		PMcD.	15
16	72.0	28.683	.122	28.561	29.49	37.0	36.0	35	91	.203	37.0	30.9	SE	7			.34	10	Nb	SE	Lt. rain		PMcD.	16
17	72.0	29.354	.124	29.230	30.19	18.6	17.4	15	82	.081	32.0	18.6	NW	9			T	10	Nb	NW	Lt. Snow		PMcD.	17
18	71.5	29.450	.123	29.327	30.31	17.0	15.8	12	80	.070	17.0	11.6	S	12			0	10	St. Cu.	S	Cloudy		PMcD.	18
19	70.5	29.312	.120	29.192	30.14	33.0	32.5	32	95	.180	33.0	30.7	SW	8			T	10	Nb	SW	Lt. Rain		PMcD.	19
20	67.5	29.352	.112	29.240	30.21	-0.2	-0.8	-4	80	.031	21.4	-0.8	W	12			0	6 2	a. St St.	W W	Cloudy		PMcD.	20
21	70.0	29.432	.119	29.313	30.31	-9.0	-9.4	-13	80	.019	-4.0	-13.0	W	10			0	0	0	0	Clear		PMcD.	21
22	70.5	29.292	.120	29.172	30.16	17.0	15.2	10	71	.063	17.0	-8.6	SW	20	25	SW	0	10	St.	S	Cloudy		PMcD.	22
23	66.5	29.308	.109	29.199	30.15	26.2	25.2	23	88	.118	33.0	26.0	SW	9	30	SW	0	10	St	SW	Cloudy		PMcD.	23
24	71.5	29.356	.122	29.234	30.19	17.9	16.9	14	84	.077	31.4	17.9	E	6			0	10	St. Cu.	E	Cloudy		PMcD.	24
25	69.0	28.824	.114	28.710	29.65	31.3	29.8	27	84	.143	33.4	29.6	W	12	26	NW	.13	10	St. Cu.	W	Cloudy		PMcD.	25
26	70.0	29.512	.119	29.393	30.39	-4.0	-4.5	-8	80	.025	2.8	-6.0	W	14			0	0	0	0	Clear		PMcD.	26
27	69.5	29.732	.119	29.613	30.61	2.4	2.0	0	88	.038	5.4	-0.3	SW	7			0	5	St. Cu.	SW	Pt. Cloudy		PMcD.	27
28	72.0	29.425	.125	29.300	30.26	29.8	26.7	21	67	.108	29.8	16.4	S	13			0	9	St. Cu.	S	Cloudy		PMcD.	28
29	73.5	29.436	.129	29.307	30.26	36.4	36.4	36	100	.211	38.0	36.4	SW	9			.02	10	Dense fog	SW	Foggy		PMcD.	29
30	72.0	29.110	.123	28.987	29.93	36.0	35.0	34	91	.195	41.0	36.0	W	12			.30	10	St Cu.	W	Cloudy		PMcD.	30
31	72.5	29.168	.125	29.043	29.99	26.4	26.4	26	100	.136	36.3	26.4	W	2			0	10	Dense fog	W	Foggy		PMcD.	31
Sums		(a)	(a)	906.115	936.09	578.7	543.1	452	2558	2.978	(a)	(a)	(a)	333	(a)	(a)	1.25	204	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.230	30.196	18.7	17.5	14.6	82.5	.096	(a)	(a)	(c) SW	10.7	(a)	(a)	(a)	6.6	U a St. L St. Cu	U W L SW + W (a)			(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1924

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 2:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.5	29.788	.132	29.656	30.65	12.8	11.0	5	66	.049	17.0	4.8	N	4			0	10	St	N	Cloudy			P.M.D.	1
2	74.0	29.211	.129	29.082	30.04	32.6	32.1	32	95	.180	32.6	19.0	SW	8			.01	10	Nb	SW	Lt. Rain			C.M.S.	2
3	76.0	29.607	.135	29.472	30.44	16.9	14.9	9	67	.060	25.0	16.9	W	6			T	10	St	W	Cloudy			C.M.S.	3
4	79.0	29.539	.143	29.396	30.38	12.0	10.8	7	76	.054	21.0	12.0	NW	12			.01	10	Nb	NW	Lt. Snow			C.M.S.	4
5	75.0	29.885	.135	29.750	30.78	-6.2	-7.2	-16	57	.016	0.2	-13.9	W	15	26	W	0	0	0	0	Clear			C.M.S.	5
6	74.0	29.390	.130	29.260	30.26	13.8	11.8	5	63	.049	13.8	-9.8	SW	23	31	SW	0	5	A St	NW	Pt. Cloudy			P.M.D.	6
7	76.0	29.483	.135	29.348	30.32	26.4	24.4	20	75	.103	30.2	16.0	SW	7			0	3	St Cu	SW	Clear			C.M.S.	7
8	73.5	29.292	.128	29.164	30.11	36.5	32.3	26	64	.136	41.2	20.4	S	15			0	0	0	0	Clear			C.M.S.	8
9	74.0	29.229	.129	29.100	30.04	42.8	37.0	29	57	.157	47.7	35.0	S	12			0	9	A St	W	Cloudy			C.M.S.	9
10	75.5	28.591	.130	28.461	29.38	43.0	42.0	41	92	.256	43.9	39.4	S	10			.57	10	Nb	S	Lt. Rain			C.M.S.	10
11	74.0	29.120	.128	28.992	29.94	26.1	24.1	20	75	.103	29.0	24.9	W	10			.01	10	St Cu	NW	Cloudy			P.M.D.	11
12	71.0	29.339	.121	29.218	30.18	24.0	22.0	18	74	.023	29.6	24.0	W	17			T	6	Cu	W	Pt. Cloudy			C.M.S.	12
13	72.0	29.464	.125	29.339	30.32	16.7	13.9	4	54	.047	20.4	11.0	W	4			0	0	0	0	Clear			C.M.S.	13
14	75.0	29.475	.133	29.342	30.31	26.0	23.5	18	69	.093	29.7	16.0	S	8			0	0	0	0	Clear			P.M.D.	14
15	75.5	29.172	.133	29.039	29.99	35.6	30.6	23	56	.118	38.0	21.5	SE	7			0	8	a. St.	W	Cloudy			P.M.D.	15
16	80.0	29.034	.144	28.890	29.84	32.0	30.0	27	79	.143	38.2	32.0	NW	15			.24	10	St. Cu.	NW	Cloudy	B 7:30 a E 9:30 a		P.M.D.	16
17	76.0	29.462	.135	29.327	30.31	15.8	14.2	9	73	.060	21.7	15.8	NW	7			T	5	a. St	W	Pt. Cloudy			P.M.D.	17
18	74.0	29.360	.129	29.231	30.19	32.0	30.0	27	79	.143	32.0	17.0	SW	10	26	SW	T	10	St Cu.	SW	Cloudy			P.M.D.	18
19	74.0	29.302	.129	29.173	30.13	21.4	20.9	19	93	.098	34.2	21.4	NW	10			.30	10	St. Cu.	NW	Cloudy			P.M.D.	19
20	79.0	29.418	.143	29.275	30.28	-4.0	-4.6	-9	76	.023	4.0	-5.0	SW	12			0	0	0	0	Clear			P.M.D.	20
21	78.5	29.614	.142	29.472	30.49	-7.0	-8.0	-18	55	.014	1.2	-10.0	SW	14			0	0	0	0	Clear			P.M.D.	21
22	72.0	29.115	.123	28.992	29.95	32.5	28.0	20	56	.103	34.2	17.0	SW	26	34	SW	0	5	a. St.	W	Pt. Cloudy			P.M.D.	22
23	75.5	29.478	.134	29.344	30.30	31.4	28.3	23	68	.118	38.1	24.6	N	5			0	3	a. St	W	Clear			P.M.D.	23
24	77.5	28.982	.137	28.845	29.79	31.0	28.9	26	78	.136	33.4	17.9	E	4			.04	10	Nb	E	Lt. Snow			P.M.D.	24
25	72.0	29.375	.125	29.250	30.22	2.8	2.0	-2	77	.034	31.3	2.8	W	16	37	W	.01	0	0	0	Clear			P.M.D.	25
26	74.0	29.691	.131	29.560	30.57	5.4	4.2	-2	69	.034	6.7	-4.0	W	10			0	0	0	0	Clear			P.M.D.	26
27	76.5	29.664	.138	29.526	30.51	17.2	15.0	8	64	.057	21.6	2.4	E	5			0	8	St. Cu.	E	Cloudy			P.M.D.	27
28	75.5	29.450	.134	29.316	30.27	38.0	37.0	36	91	.211	39.1	29.8	SW	13			.03	10	Nb	SW	Lt Rain			P.M.D.	28
29	78.0	29.210	.139	29.071	30.01	41.0	40.0	39	92	.237	43.0	36.0	S	10			.02	10	Nb.	S	Lt. Rain		B.D.N.W. E 12:40 p.	P.M.D.	29
30	76.0	29.186	.134	29.052	30.00	35.0	34.3	34	93	.195	38.4	33.0	SW	7			0	8	St. Cu.	W	Cloudy			P.M.D.	30
31	77.5	29.124	.137	28.987	29.94	32.7	32.2	32	95	.180	36.0	25.3	E	9			0	0	0	0	Clear	B 10:50 a E 11:30 a	B.D.N.W. E 10:15 a	C.M.D.	31
Sums		(a)	(a)	905.930	935.94	716.2	655.6	510	227.8	3.300	(a)	(a)	(a)	331	(a)	(a)	1.24	180	(a)	(a)	(a)	2	2	(a)	(a)
Means		(a)	(a)	29.224	30.192	23.1	21.1	16.5	73.5	.106	(a)	(a)	(c) SW	10.7	(a)	(a)	(a)	5.8	U A St L St. Cu.	U L	W SW	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1924.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	18	5	13	17	12				S^d	Cont'd	DNA										T				0	T	T	T	1
2	33	11	22	10	22				R	2:10p	9:30p	S^m	9:30p	Cont'd							φ.09				0	0	0	φ.08	2
3	27	11	16	3	19				S^m	Cont'd	DNA	S^m	8:31a	12:04p							φ.04				0	1.5	1.4	φ.04	3
4	21	2	19	7	12				S^d	2:05p	8:30p										.01				0	0.1	1.4	.01	4
5	2	-14	16	18	-6																0				0	T	1.4	0	5
6	15	-12	27	8	2																0				0	0	1.3	0	6
7	30	15	15	20	22																0				0	0	0.8	0	7
8	41	20	21	8	30																0				0	0	0.6	0	8
9	48	35	13	12	42																0				0	0	0	0	9
10	45	39	6	0	42				R	DNA	Cont'd										φ.28				0	0	0	0	10
11	43	25	18	8	34				R	Cont'd	DNA	S^m	DNA	2:20p							φ.14				0	0.2	T	φ.02	11
12	30	17	13	10	24				S^d	7:50a	8:30a	S^d	11:18a	1:38p							T				0	T	T	T	12
13	20	11	9	8	16																0				0	0	T	0	13
14	30	14	16	6	22																0				0	0	0	0	14
15	38	20	18	7	29																0				0	0	0	0	15
16	38	26	12	3	32				S^m	2:00a	D.N.a	R	D.N.a	9:45a	S^m	9:45a	1:50p				.58				0	φ1.5	T	φ.15	16
17	26	14	12	12	20				S^d	6:10a	12:40p										T				0	T	T	T	17
18	32	12	20	2	22				S^d	11:15a	12:10p	S^m	7:06p	D.N.p							T				0	T	T	T	18
19	34	9	25	0	22				R	D.N.a	6:57a	S^m	6:57a	6:30p							.30				0	φ3.0	2.4	.30	19
20	9	-7	16	21	1																0				0	0	2.4	0	20
21	1	-13	14	7	-6																0				0	0	2.3	0	21
22	34	-2	36	22	16																0				0	0	1.8	0	22
23	38	24	14	15	31																0				0	0	1.3	0	23
24	33	18	15	5	26				S^m	5:00p	Cont'd										φ.14				0	0.4	1.4	φ.14	24
25	33	-2	35	10	16				S^m	Cont'd.	D.N.a	S^d	8:05a	11:15a	S^d	2:15p	2:27p				.04				0	1.4	2.8	φ.04	25
26	7	-6	13	16	0																0				0	0	2.7	0	26
27	22	0	22	11	11																0				0	0	2.5	0	27
28	39	21	18	19	30				R	11:43a	D.N.P										.05				0	0	0.4	0	28
29	43	36	7	10	40				R	6:15p	11:30p										.32				0	0	0	0	29
30	40	33	7	4	36																0				0	0	0	0	30
31	36	25	11	6	30																0				0	0	0	0	31
S	906	387	519	305	649		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.49		Total excess or deficiency since January 1,		0	8.1	(a)	(a)	(a)
M	29.2	12.5	16.7	9.8	20.9	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

φ Estimated

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SUMMARY FOR THE MONTH OF January, 1924.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.230	29.224	29.227	29.770	6	28.360	11	1.410	30.196	30.192	30.194	30.80	6	29.28	11	1.52
Corrected mean		29.222						Corrected mean		30.189					

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
18.7	23.1	20.9	17.5	21.1	19.3	29.2	12.5	20.8	48	9	-14	5	62	36	22	6	10

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
14.6	16.5	15.6	82.5	73.5	78.0	.096	.106	.101	15	0	27	8

Clouds.
Most frequent clouds St. Cu.
Most frequent direction upper clouds W
Most frequent direction lower clouds W

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8340	11.2	SW	37	W	25	2	0	5	3	9	20	17	6	0

WEATHER.

Mean cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.6	5.8	6.1	46	9	7	15	0	1	10

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
Not	recorded		0	0	9	0	16, 31	29, 31	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.49	0.90	10-11	0			0			4	11	10	4	0	15	12	8	8.1	0

* Estimated from 3:00 p.m. of 10th to 3:00 a.m. of 11th

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;
30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket raingage not exposed during the month.																				

* The duration is the time precipitation was actually recorded.

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Prepared by _____ P. M. Donough, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible], 1924.

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
3"	12 00 Noon	11 00 a.m.	74.5	29.426	.131	29.295	30.26	20.2	19.4	18	2	88	25.0	NW	16	20	NW	T	10	Nb	NW	Lt. Snow	Request of Chicago Sent to Washington Friend to Washington	BCB	3"
16"	12 00 Noon	11 00 a.m.	75.0	28.648	.129	28.519	29.45	35.0	34.0	33	2	91	38.2	W	6			.22	10	Nb	NW	Lt. Snow		P.M.D.	16"
						Extremes of Pressure																			
						Highest																			
6"	3 30 a.m.	2 30 a.m.				29.770	30.80	-11.0																	6"
						Lowest																			
11"	1 15 a.m.	12 15 a.m.				28.360	29.28	43.0																	11"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of January, 1924

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	8	2	14	3	8	2							175	13	29	4			234	24
2					52	7	60	6	51	5	25	3	9	1	16	2			213	24
3													96	9	160	15			256	24
4											55	10	89	10	50	4			194	24
5													390	24					390	24
6											433	22	21	2					454	24
7											222	23	7	1					229	24
8									181	13	114	11							295	24
9									127	11	186	13							313	24
10							23	2	216	20	27	2							266	24
11											31	2	292	22					323	24
12											201	18	87	6					288	24
13													199	23	12	1			211	24
14									159	20	5	2			8	2			172	24
15							30	4	242	20									272	24
16							36	6	18	3	10	1	25	3	151	11			240	24
17	2	1									8	2	11	1	182	20			203	24
18									111	9	181	15							292	24
19	55	5							6	1	66	10	29	2	54	6			210	24
20											32	3	284	21					316	24
21											197	16	88	8					285	24
22											537	24							537	24
23	16	4	11	2							114	13	13	2	16	3			170	24
24			27	5	71	13					20	3							129	24
25											33	3	267	15	163	6			463	24
26											51	5	559	19					310	24
27							41	7	32	4	105	13							178	24
28							12	2	64	5	264	17							340	24
29									84	9	145	15							229	24
30											21	3	198	21					219	24
31					72	11	8	2	5	2			24	9					109	24
SUM.	81	12	52	10	203	33	218	31	1299	123	3083	249	2653	212	841	74	0	0	8340	744
PERCENTAGE	1	2	1	1	2	4	2	4	15	17	37	33	32	29	10	10	0	0	a	a
AVG. HOURLY VELOCITY	6.8	a	5.2	a	6.2	a	7.0	a	10.6	a	12.4	a	12.2	a	11.4	a	0	a	11.2	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of February, 1924.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage. *

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number corner Berry and Calhoun streets, rooms 911-912 Shoaff Building; first observation taken in present office, 7:00 a m. May 20, 1911

* Not exposed during month.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of February, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.	8						
1	74.0	29.084	.128	28.956	29.91	31.0	30.0	29	89	.157	32.7	30.6	NE	4			0	2	St.	NE	Cloudy		P.M.Q.	1
2	71.5	29.087	.121	28.966	29.92	31.4	29.5	27	80	.143	42.4	29.9	W	8			0	10	St.	W	Cloudy		P.M.Q.	2
3	67.0	28.972	.110	28.862	29.81	34.0	34.0	34	100	.195	36.8	33.3	E	7			0	10	Dense fog	SE	Foggy		P.M.Q.	3
4	67.5	28.826	.110	28.716	29.66	31.3	29.8	27	84	.143	35.4	31.3	NE	14			0	10	St.	NE	Cloudy		P.M.Q.	4
5	68.0	28.612	.111	28.501	29.43	31.8	31.3	31	95	.172	31.8	28.4	SE	1			.10	10	St.	SE	Cloudy		P.M.Q.	5
6	69.0	28.851	.114	28.737	29.69	19.8	19.2	18	91	.093	32.0	19.8	SW	20	27	SW	.02	10	Nb	SW	Lt. Snow		P.M.Q.	6
7	68.5	29.332	.115	29.217	30.18	17.5	16.5	14	84	.077	20.4	16.0	W	8			.03	10	Nb	W	Lt. Snow		P.M.Q.	7
8	72.0	29.614	.125	29.489	30.46	17.0	16.0	13	84	.074	20.0	17.0	N	5			.01	10	St.	N	Cloudy		P.M.Q.	8
9	72.0	29.627	.126	29.501	30.47	21.4	18.9	12	64	.070	21.8	18.4	S	8			0	8	a.St.	NW	Cloudy		P.M.Q.	9
10	69.0	29.305	.116	29.189	30.14	26.2	25.2	23	88	.118	33.0	26.2	NW	18	31	NW	.10	10	St.Cu.	NW	Cloudy		P.M.Q.	10
11	69.5	29.304	.117	29.187	30.15	24.0	22.2	18	77	.093	30.0	22.1	SW	10			0	4	a St.	W	Pt Cloudy		P.M.Q.	11
12	70.5	28.970	.119	28.851	29.80	31.0	30.1	29	90	.157	33.2	31.0	NW	14			.01	10	St.	N	Cloudy		P.M.Q.	12
13	73.5	29.154	.128	29.026	29.99	25.2	23.7	21	81	.108	29.0	23.3	N	2			0	10	St.	N	Cloudy		P.M.Q.	13
14	76.0	29.106	.133	28.973	29.92	29.0	28.0	26	89	.136	32.9	29.0	W	9			.01	0	0	0	Clear		P.M.Q.	14
15	73.0	29.340	.126	29.214	30.16	29.7	26.2	20	62	.103	33.0	27.0	NW	9			0	1	Cu.	NW	Clear		P.M.Q.	15
16	69.5	29.745	.119	29.626	30.61	15.0	14.0	11	82	.066	20.9	15.0	E	9			0	6	Ri.St.	W	Pt Cloudy		P.M.Q.	16
17	66.0	29.442	.109	29.333	30.29	24.5	24.0	24	94	.124	25.4	22.0	NE	8			.17	10	St.	NE	Cloudy		P.M.Q.	17
18	74.0	29.652	.131	29.521	30.49	16.4	15.6	13	86	.074	29.0	16.4	NE	8			0	7	St.Cu.	NE	Pt. Cloudy		P.M.Q.	18
19	66.0	29.414	.109	29.305	30.27	20.9	19.4	16	78	.085	23.0	20.4	E	24	26	NE	0	10	St.	E	Cloudy		P.M.Q.	19
20	69.0	29.115	.115	29.000	29.96	15.0	14.0	11	82	.066	21.0	15.0	NW	9			.06	7	a St.	SW	Pt Cloudy		P.M.Q.	20
21	67.5	29.344	.112	29.232	30.19	16.4	15.2	11	79	.066	21.5	15.0	W	12			T	8	St. Cu.	W	Cloudy		P.M.Q.	21
22	66.5	29.500	.110	29.390	30.37	6.2	5.6	3	85	.044	18.1	5.8	SW	7			T	0	0	0	Clear		P.M.Q.	22
23	69.0	29.602	.117	29.485	30.46	11.4	10.6	8	83	.057	22.3	11.1	NE	5			0	3	Ci Cu.	W	Clear		P.M.Q.	23
24	67.5	29.708	.114	29.594	30.57	8.8	8.0	5	82	.049	18.8	8.8	E	8			0	4	a. St.	W	Pt. Cloudy		P.M.Q.	24
25	68.0	29.640	.115	29.525	30.49	19.0	17.8	15	82	.081	23.0	17.6	N	5			0	8	St.Cu.	N	Cloudy		P.M.Q.	25
26	70.5	29.552	.121	29.431	30.40	15.8	14.4	10	76	.063	31.6	13.7	N	2			0	0	0	0	Clear		P.M.Q.	26
27	72.5	29.301	.125	29.176	30.13	22.9	19.8	12	58	.070	32.8	20.7	N	5			0	6	a St.	W	Pt. Cloudy		P.M.Q.	27
28	71.5	29.274	.122	29.152	30.10	24.0	24.0	24	100	.124	36.4	22.6	W	3			0	10	Dense fog	W	Foggy		P.M.Q.	28
29	74.0	29.137	.129	29.008	29.96	30.0	27.8	24	76	.124	33.3	30.0	NE	5			0	3	a Cu.	W	Clear		P.M.Q.	29
30																								30
31																								31
Sums		(a)	(a)	846.163	873.98	646.6	610.8	529	2401	2.932	(a)	(a)	(a)	247	(a)	(a)	.51	185	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.178	30.137	22.3	21.1	18.2	82.8	.101	(a)	(a)	(c) NE	8.5	(a)	(a)	(a)	6.4	U a St. L St.	U W L N-NE-W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of February, 1924.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.5	29.116	.129	28.987	29.94	42.4	38.9	34	73	.195	47.0	30.0	W	3			0	4	St.	W	Pt. Cloudy			P.M.L.	1
2	72.0	29.006	.123	28.883	29.83	36.3	35.3	34	91	.195	36.5	30.0	SW	7			0	10	St.	SW	Cloudy	B 9.30 p E Cont'd. cont'd.		P.M.L.	2
3	69.0	28.830	.114	28.716	29.66	35.4	34.4	33	91	.187	44.8	33.6	E	15			T	10	St.	E	Cloudy	B.D.N.a E.B.N.a	B.D.N.a E.9.20 a	P.M.L.	3
4	73.5	28.712	.126	28.586	29.52	30.0	29.5	29	95	.157	32.0	30.0	NE	13			.20	10	Nb	NE	Lt. Rain			P.M.L.	4
5	73.0	28.708	.124	28.584	29.51	32.0	31.0	30	90	.164	37.0	31.8	SW	20			.04	10	Nb	SW	Lt. Snow			P.M.L.	5
6	73.0	29.142	.126	29.016	29.98	20.4	19.8	18	91	.093	21.4	18.2	SW	14	26	SW	.03	10	Nb	SW	Lt. Snow			P.M.L.	6
7	73.0	29.522	.127	29.395	30.37	20.0	18.6	15	79	.081	22.7	15.6	SW	8			T	10	Nb	SW	Lt. Snow			P.M.L.	7
8	77.0	29.728	.139	29.589	30.57	21.8	19.7	14	70	.077	25.0	16.4	NW	5			0	0	0	0	Clear			P.M.L.	8
9	77.0	29.182	.137	29.045	30.00	29.3	28.8	28	94	.150	32.0	21.4	SW	24			.04	10	Nb	SW	Lt. Snow			P.M.L.	9
10	73.0	29.458	.127	29.331	30.29	30.0	27.2	22	70	.113	34.0	25.0	SW	8			0	0	0	0	Clear			P.M.L.	10
11	75.5	28.932	.132	28.800	29.74	33.2	32.0	30	88	.164	35.0	24.0	SW	14	28	SW	.07	10	Nb	SW	Lt. Snow			P.M.L.	11
12	76.5	29.158	.135	29.023	29.97	29.0	27.0	24	78	.124	32.0	29.0	N	7			T	10	St.	N	Cloudy			P.M.L.	12
13	77.5	29.064	.137	28.927	29.88	32.0	30.0	27	79	.143	32.4	24.5	S	5			T	10	Nb	S	Lt. Snow			P.M.L.	13
14	75.0	29.255	.132	29.123	30.07	33.0	30.0	25	71	.130	38.6	27.6	NW	9			0	0	0	0	Clear			P.M.L.	14
15	74.0	29.674	.131	29.543	30.51	20.9	18.1	11	60	.066	29.7	20.9	NE	11			0	0	0	0	Clear			P.M.L.	15
16	74.0	29.616	.130	29.486	30.46	25.4	23.4	19	75	.098	26.7	15.0	E	14			0	10	St.	E	Cloudy			P.M.L.	16
17	73.0	29.492	.127	29.365	30.33	29.0	28.0	26	89	.136	29.6	24.2	NE	6			.08	10	St.	NE	Cloudy			P.M.L.	17
18	72.5	29.618	.126	29.492	30.46	23.0	21.2	17	76	.089	26.4	15.4	E	16			0	8	Cist.	W	Cloudy			P.M.L.	18
19	70.0	29.116	.118	28.998	29.96	21.0	20.6	19	94	.098	22.0	19.0	N	13	25	E	.26	10	Nb	N	Lt. Snow			P.M.L.	19
20	74.5	29.252	.130	29.122	30.08	21.5	20.5	18	86	.093	26.2	14.7	W	13	25	W	T	10	Nb	W	Lt. Snow			O.E.R.	20
21	71.0	29.451	.122	29.329	30.31	18.1	16.3	11	72	.066	21.7	15.8	W	9	25	W	T	10	St.cu.	NW	Cloudy			O.E.R.	21
22	70.0	29.522	.119	29.403	30.38	22.3	19.7	13	64	.074	26.7	6.2	W	6			0	10	a.cu.	NW	Cloudy			O.E.R.	22
23	72.5	29.684	.127	29.557	30.54	18.8	16.9	11	70	.066	25.6	11.4	NE	9			0	0	0	0	Clear			O.E.R.	23
24	67.0	29.635	.112	29.523	30.50	23.0	20.0	12	60	.070	27.0	7.9	NE	11			0	10	Cist.	W	Cloudy			P.M.L.	24
25	72.0	29.671	.126	29.545	30.51	31.6	25.0	9	34	.060	32.7	18.7	SW	3			0	0	0	0	Clear			O.E.R.	25
26	74.5	29.400	.131	29.269	30.23	32.8	27.3	17	47	.089	36.3	15.8	E	6			0	1	Cist.	SW	Clear			O.E.R.	26
27	73.0	29.256	.126	29.130	30.08	36.4	32.6	27	67	.143	42.9	22.9	NW	8			0	0	0	0	Clear			O.E.R.	27
28	79.0	29.145	.142	29.003	29.95	33.3	31.6	29	83	.157	35.7	23.6	E	4			0	10	St.cu.	W	Cloudy	B 10.30 a E 11.15 a	B 7.N a E 10.30 a	O.E.R.	28
29	76.0	29.079	.133	28.946	29.90	37.1	34.6	31	79	.172	41.7	30.0	NE	5			0	3	a.cu.	NW	Clear			O.E.R.	29
30																									30
31																									31
Sums	(a)	(a)	(a)	845.716	873.53	819.0	758.0	633	2216	3450	(a)	(a)	(a)	286	(a)	(a)	0.72	196	(a)	(a)	(a)	3	2	(a)	(a)
Means	(a)	(a)	(a)	29.163	30.122	28.2	26.1	21.8	76.4	.119	(a)	(a)	(c) SW	9.9	(a)	(a)	(a)	6.8	U Cist. Cu. L Nb	U W L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of February, 192 4.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	47	30	17	8	38																0				0	0	0	0	1
2	37	30	7	4	34																0				0	0	0	0	2
3	45	33	12	5	39				R	5:40 p.	6:25 p.										T				0	0	0	0	3
4	34	28	6	8	31				R	8:15 a	1:40 p	R	4:35 p	Cont'd.							ϕ .30				0	0	0	0	4
5	37	26	11	1	32				R	Cont'd.	D.N.a	R	2:05 p	5:05 p	Sm	5:55 p	D.N.p				ϕ .04				0	T	T	ϕ T	5
6	26	18	8	10	22				Sd	D.N.a	Cont'd										ϕ .06				0	0.7	0.7	ϕ .06	6
7	23	16	7	2	20				Sd	Cont'd.	9:15 a	Sd	4:20 p.	Cont'd							ϕ .03				0	0.5	1.1	ϕ .03	7
8	25	16	9	0	20				Sd	Cont'd	D.N.a										T				0	0.1	0.7	ϕ T	8
9	33	18	15	6	26				Sd	10:35 a	12:20 p	Sm	4:50 p	Cont'd.							ϕ .14				0	0.4	1.0	ϕ .14	9
10	34	25	9	4	30				Sm	Cont'd.	1:30 a										ϕ T				0	1.0	1.6	ϕ T	10
11	35	22	13	2	28				Sm	12:55 p	4:10 p	Sm	6:15 p.	D.N.p							ϕ .08				0	0.7	2.1	ϕ .08	11
12	33	25	8	1	29				Sm	D.N.a	6:15 a	Sm	1:50 p.	2:30 p							ϕ T				0	0.1	1.7	ϕ T	12
13	32	23	9	1	28				Sd	8:40 a	10:15 a	Sm	1:05 p	D.N.p.							.01				0	T	1.5	.01	13
14	39	28	11	6	34																0				0	0.1	T	0	14
15	30	18	12	10	24																0				0	0	T	0	15
16	27	15	12	3	21				Sm	8:30 p	Cont'd.										ϕ .07				0	0	T	ϕ .07	16
17	30	22	8	5	26				Sm	Cont'd	D.N.a	R	D.N.a	6:20 a	R	6:55 a	10:50 a	Sm	10:50 a	12:25 p	ϕ .18				0	1.8	1.7	ϕ .11	17
18	26	15	11	6	20																0				0	0	1.6	0	18
19	22	19	3	0	20				R	10:00 a	10:20 a	Sd	10:20 a	D.N.P							.32				0	2.7	4.3	.32	19
20	26	15	11	0	20				Sd	8:10 a	8:50 a	Sd	11:05 a	8:30 p.							T				0	0.6	4.3	T	20
21	22	14	8	2	18				Sd	12:40 p	4:50 p.	Sd	D.N.P.	D.N.P.							T				0	T	4.2	T	21
22	27	6	21	2	16																0				0	T	2.0	0	22
23	26	11	15	2	18																0				0	0	1.9	0	23
24	27	8	19	0	18																0				0	0	1.6	0	24
25	33	18	15	8	26																0				0	0	1.0	0	25
26	36	14	22	1	25																0				0	0	0.5	0	26
27	43	21	22	7	32																0				0	0	0.1	0	27
28	36	23	13	2	30																0				0	0	T	0	28
29	42	30	12	6	36																0				0	0	T	0	29
30																													30
31																													31
S	933	587	346	112	761		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.23		Total excess or deficiency since January 1,		0	8.7	(a)	(a)	(a)
M	32.2	20.2	11.9	3.9	26.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

ϕ Estimated

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SUMMARY FOR THE MONTH OF February, 1924

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
29.178	29.163	29.170	29.640	16	28.460	5	1.180	30.137	30.122	30.130	30.62	16	29.39	5	1.23
Corrected mean		29.165						Corrected mean		30.125					

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
22.3	28.2	25.2	21.1	26.1	23.6	32.2	20.2	26.2	47	1	6	22	41	22	26	3	19

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative humidity. 8 a.m.	Relative humidity. 8 p.m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a.m.	Vapor pressure. 8 p.m.	Vapor pressure. Monthly. (g)
18.2	21.8	20.0	82.8	76.4	79.6	.101	.119	.110

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
13	0	28	0

CLOUDS.

Most frequent clouds St + Nb

Most frequent direction upper clouds W

Most frequent direction lower clouds SW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7164	10.3	E	31	NW	9	7	12	9	1	2	11	9	7	0

WEATHER.

Mean cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.4	6.8	6.7	45	8	5	16	0	0	10

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
Not recorded			None	None	0	18	2,3,28	3,28	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.23	0.32	19	0			0			6	10	8	2	0	16	14	8	8.7	T

(w) Maximum precipitation in 5 minutes –, date –; 10 minutes –, date –; 15 minutes –, date –;

30 minutes –, date –; 1 hour –, date –; 2 hours –, date –.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket rain gauge not exposed during month																				

* The duration is the time precipitation was actually recorded.

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Prepared by _____ P. M. Ramanujam, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of February, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
					Extremes of Pressure																				
						Highest																			
16"	9 00 am	8 00 am				29.640	30.62	16.0																	16"
						Lowest																			
5"	12 45 pm	11 45 am				28.460	29.39	36.0																	5"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of February, 1924

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1			56	11	10	2							19	4	55	7			140	24
2									2	1	158	15	64	7	8	1			232	24
3					252	20	14	4											266	24
4			78	5	264	19													342	24
5					26	8	3	2	8	2	150	10					0	2	187	24
6											266	21	22	3					392	24
7											42	4	185	20					227	24
8	45	7											16	4	84	13			145	24
9									186	13	108	7	19	3	24	1			337	24
10											19	2	203	15	138	7			360	24
11									45	3	208	16	56	5					309	24
12	69	7											49	3	191	14			309	24
13	18	5	6	2			8	2	42	6	66	8			3	1			143	24
14											20	3	44	9	181	12			295	24
15	55	4	86	8	46	4					6	1	47	5	26	2			266	24
16					233	21	30	3											263	24
17			125	14	106	10													231	24
18	7	1	74	9	231	14													312	24
19	67	6	225	13	95	5													387	24
20													216	15	109	9			325	24
21													318	23	16	1			334	24
22											109	14	64	10					173	24
23	6	1	107	11	71	7									17	5			201	24
24			132	11	141	13													273	24
25	61	11	76	10							4	1	3	1	5	1			149	24
26	17	8	82	12	24	4													123	24
27	56	10													114	14			170	24
28			15	2	21	4	9	2	43	7	4	1	10	3	22	5			124	24
29			54	9	85	13	10	2											149	24
30																				~~24~~
31																				~~24~~
SUM.	401	60	1116	117	1605	144	74	15	326	32	1250	103	1399	130	993	93	0	2	7164	696
PERCENTAGE	6	9	15	17	22	21	1	2	5	4	17	15	20	19	14	13	0	0	a	a
AVG. HOURLY VELOCITY	6.7	a	9.5	a	11.1	a	4.9	a	10.2	a	12.1	a	10.7	a	10.7	a	0	a	10.3	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of _____, *1924*

Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry and Calhoun streets room 911-912 Shoaff Building; first observation taken in present office, 7.00 a.m. May 20, 1911

* Not exposed during month

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Indiana, for the Month of March, 1924

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:20 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.0	29.054	.128	28.926	29.88	26.2	25.2	23	88	.118	37.1	26.2	NE	11			0	2	ci st	W	Clear		O.E.R.	1
2	70.0	29.149	.118	29.031	29.98	25.5	24.5	22	88	.113	30.0	22.6	SW	12			0	9	a cu	NW	Cloudy		O.E.R.	2
3	71.5	29.208	.122	29.086	30.04	31.1	30.0	29	88	.157	37.6	30.5	SW	10			0	0	0	0	Clear		O.E.R.	3
4	71.0	28.829	.119	28.710	29.63	44.3	43.0	42	91	.266	45.4	38.5	S	15			.05	10	Nb	SW	Lt. Rain		O.E.R.	4
5	72.0	29.051	.123	28.928	29.87	33.7	31.1	27	76	.143	49.0	33.7	N	5			T	10	St cu	N	Cloudy		O.E.R.	5
6	73.0	29.102	.125	28.977	29.93	30.0	28.2	25	80	.130	35.8	28.6	E	2			0	1 9	a cu a St	SW SW	Cloudy		O.E.R.	6
7	71.5	28.955	.121	28.834	29.78	20.1	17.8	12	66	.070	34.5	19.5	W	20	31	W	.02	3	St cu	W	Clear		O.E.R.	7
8	69.5	29.393	.118	29.275	30.24	23.2	21.5	17	77	.089	25.8	22.5	W	9			T	8	a cu	NW	Cloudy		O.E.R.	8
9	70.5	29.372	.120	29.252	30.21	23.3	22.1	20	84	.103	28.6	20.9	E	4			0	10	St	NE	Cloudy		O.E.R.	9
10	74.0	28.773	.127	28.646	29.60	26.7	26.3	26	95	.136	28.0	26.2	NE	10			.30	10	Nb	NE	Lt. Snow		O.E.R.	10
11	74.5	28.950	.129	28.821	29.76	33.2	32.6	32	94	.180	33.2	31.4	N	8			.04	10	Nb	N	Lt. Rain		O.E.R.	11
12	75.0	29.228	.132	29.096	30.05	32.1	31.2	30	91	.164	35.0	31.8	NW	10			T	10	Nb	NW	Lt. Snow		O.E.R.	12
13	74.5	29.267	.130	29.137	30.09	27.6	25.4	21	74	.108	34.0	26.6	NW	8			0	1	St	NW	Clear		O.E.R.	13
14	74.5	29.049	.129	28.920	29.88	22.3	20.6	16	76	.085	32.5	22.1	NE	8			0	4	ci St	W	Pt Cloudy		O.E.R.	14
15	72.5	29.143	.125	29.018	29.98	20.2	18.2	13	70	.074	27.0	19.5	NW	7			0	Few	St	NW	Clear		O.E.R.	15
16	67.5	29.343	.112	29.231	30.18	25.5	24.0	22	82	.113	29.8	25.0	W	12			0	Few	St cu	NW	Clear		O.E.R.	16
17	71.5	29.436	.123	29.313	30.27	27.2	24.8	20	71	.103	33.1	25.8	NE	2			0	10	a St	W	Cloudy		O.E.R.	17
18	71.0	29.077	.120	28.957	29.91	31.7	31.7	32	100	.180	35.0	31.7	E	7			.01	10	Nb	E	Lt. Snow		O.E.R.	18
19	71.0	29.206	.121	29.085	30.03	26.0	25.0	23	88	.118	32.8	26.0	N	5			0	0	0	0	Clear		O.E.R.	19
20	70.0	29.086	.118	28.968	29.92	27.7	25.8	22	78	.113	37.7	27.7	E	16			0	10	St	E	Cloudy		O.E.R.	20
21	68.0	28.749	.111	28.638	29.57	31.2	31.0	31	98	.172	31.2	30.0	NE	8			.22	10	Nb	NE	Lt. Snow		O.E.R.	21
22	70.5	29.210	.120	29.090	30.04	33.7	33.2	33	95	.187	33.7	33.0	NE	8			.03	10	Nb	NE	Lt. Snow		O.E.R.	22
23	70.5	29.321	.120	29.201	30.14	35.0	34.4	34	94	.195	39.2	35.0	E	5			T	10	Nb	E	Sprinkling		O.E.R.	23
24	73.0	29.451	.127	29.324	30.27	35.3	34.2	33	90	.187	37.0	34.4	NW	7			.01	10	St cu	N	Cloudy		O.E.R.	24
25	72.5	29.391	.126	29.265	30.21	35.0	33.6	31	87	.172	43.0	34.6	N	2			0	10	St	N	Cloudy		O.E.R.	25
26	70.5	28.865	.118	28.747	29.69	33.8	33.6	33	98	.187	34.6	33.3	N	4			.14	10 10	St Light Fog	N N	Cloudy		O.E.R.	26
27	73.5	29.100	.127	28.973	29.92	33.3	32.4	32	91	.180	36.2	32.4	SW	8			0	8 2	a St a cu	W W	Cloudy		O.E.R.	27
28	73.5	29.096	.127	28.969	29.90	42.4	39.7	36	79	.211	55.0	40.9	E	4			0	1	a cu	W	Clear		O.E.R.	28
29	70.0	28.439	.116	28.323	29.24	40.3	40.1	40	98	.247	44.6	38.2	E	10			.93	10	Nb	E	Lt. Rain		O.E.R.	29
30	64.5	28.676	.102	28.574	29.49	31.6	30.0	27	84	.143	45.1	31.6	W	16	30	W	T	10	Nb	W	Lt. Snow		O.E.R.	30
31	65.0	29.356	.105	29.251	30.21	21.5	19.7	15	74	.081	27.3	21.5	NE	7			T	2	St cu.	NE	Clear		O.E.R.	31
Sums		(a)	(a)	898.566	927.91	930.7	890.9	819	2645	4.525	(a)	(a)	(a)	260	(a)	(a)	1.75	220	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	28.986	29.933	30.0	28.7	26.4	85.3	.146	(a)	(a)	(c) E NE	8.4	(a)	(a)	(a)	7.1	U a. cu L Nb.	U W L N	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Indiana, for the Month of March, 1924

Number of Station barometer, 656; sum of corrections, —.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.5	29.112	.137	28.975	29.93	30.0	26.4	20	61	.103	36.3	26.0	N	8			0	0	0	0	Clear			P.McD.	1
2	74.0	29.069	.128	28.941	29.89	37.0	35.2	32	85	.180	37.0	25.5	SW	12			0	10	Stcu	W	Cloudy			O.E.R.	2
3	74.0	29.114	.128	28.986	29.94	41.5	36.0	28	58	.150	48.0	31.1	SE	5			0	1	aSt	W	Clear			P.McD.	3
4	77.0	28.794	.135	28.659	29.58	49.0	46.0	43	80	.277	54.0	44.0	W	7			.06	10	Stcu	W	Cloudy			P.McD.	4
5	77.0	29.152	.137	29.015	29.97	35.8	32.8	29	73	.157	41.9	33.6	N	5			0	0	0	0	Clear			P.McD.	5
6	79.5	28.892	.142	28.750	29.69	34.5	34.0	34	95	.195	36.4	30.0	S	10			.10	10	Nb	S	Lt. Snow			P.McD.	6
7	75.0	29.232	.132	29.100	30.06	25.6	24.6	23	88	.118	25.6	19.6	W	16	30	W	T	10	Nb	W	Lt. Snow			P.McD.	7
8	75.5	29.450	.134	29.316	30.28	28.6	27.1	25	83	.130	30.4	23.0	NW	5			0	0	0	0	Clear			P.McD.	8
9	76.5	29.091	.135	28.956	29.92	28.0	27.7	27	96	.143	30.5	23.3	NE	8			.02	10	Nb	NE	Lt. Snow			O.E.R.	9
10	79.5	28.760	.141	28.619	29.55	31.4	30.4	29	89	.157	31.4	26.7	N	8			.26	10	Nb	N	Lt. Snow			P.McD.	10
11	78.0	29.109	.139	28.970	29.92	35.0	32.3	29	75	.157	38.4	33.2	N	8			T	10	St	N	Cloudy			P.McD.	11
12	78.0	29.280	.140	29.140	30.09	34.0	31.0	27	72	.143	38.9	32.1	NW	10			T	1	St	NW	Clear			P.McD.	12
13	79.0	29.176	.142	29.034	29.98	32.5	30.0	26	75	.136	37.2	26.6	N	6			0	0	0	0	Clear			P.McD.	13
14	76.0	29.030	.133	28.897	29.86	27.0	24.0	18	65	.093	28.3	22.0	N	7			T	8	Stcu	N	Cloudy			P.McD.	14
15	73.5	29.262	.128	29.134	30.09	29.8	26.2	19	61	.098	32.0	20.2	NW	14			T	2	Stcu	NW	Clear			P.McD.	15
16	75.5	29.371	.133	29.238	30.19	33.1	28.2	20	53	.103	39.7	25.5	NW	7			0	1	CiSt	W	Clear			O.E.R.	16
17	73.0	29.220	.126	29.094	30.04	35.0	31.0	25	64	.130	37.0	27.2	E	3			0	10	Stcu	E	Cloudy			P.McD.	17
18	73.0	29.134	.126	29.008	29.96	32.8	31.3	29	85	.157	34.0	31.0	N	6			.01	8	Stcu	N	Cloudy			P.McD.	18
19	75.0	29.168	.132	29.036	29.99	37.7	32.1	23	54	.118	42.0	26.0	NE	7			0	1	St	NE	Clear			P.McD.	19
20	72.5	28.764	.123	28.641	29.57	30.0	29.5	29	95	.157	33.4	27.7	NE	20	32	NE	.18	10	Nb	NE	St Snow			P.McD.	20
21	74.0	29.040	.128	28.912	29.86	33.0	33.0	33	100	.187	33.7	31.2	N	9			.08	10	Nb	N	St Snow			P.McD.	21
22	73.0	29.276	.126	29.150	30.10	39.2	37.2	34	84	.195	42.7	33.7	N	7			T	4 4	aSt St	W N	Cloudy			P.McD.	22
23	73.5	29.331	.128	29.203	30.14	36.2	35.7	35	95	.203	36.2	34.6	N	3			.02	10	Nb	N	Lt Rain			O.E.R.	23
24	76.0	29.422	.135	29.287	30.24	43.0	42.0	41	92	.256	46.3	35.3	NW	5			0	8	Stcu	NW	Cloudy			P.McD.	24
25	74.5	29.068	.129	28.939	29.89	34.6	34.1	34	95	.195	42.4	34.6	E	13			.26	10	Nb	E	St. Snow			P.McD.	25
26	76.0	29.032	.133	28.899	29.85	36.2	35.2	34	91	.195	36.5	33.8	NW	8			T	10	St	NW	Cloudy	B.D.N.a E.3.30p		P.McD.	26
27	73.5	29.022	.127	28.895	29.83	55.0	49.8	46	70	.310	60.3	33.3	W	5	29	W	T	0	0	0	Clear			P.McD.	27
28	73.0	28.860	.124	28.736	29.66	44.6	44.2	44	97	.287	54.9	42.4	E	12			.16	10	Nb	E	St Rain			P.McD.	28
29	70.0	28.416	.116	28.300	29.21	45.1	43.1	41	86	.256	63.6	40.3	W	20	45	SW	.38	10	Stcu	SW	Cloudy	B.7.05a E.8.15a	B.8.15a E.9.10a	P.McD.	29
30	67.5	29.123	.111	29.012	29.96	27.3	25.4	22	77	.113	31.6	27.3	NW	12			.01	10	Nb	NW	Lt Snow			O.E.R.	30
31	72.5	29.346	.125	29.221	30.18	30.0	29.2	28	91	.150	31.3	21.5	E	6			T	10	Nb	E	Lt Snow			P.McD.	31
Sums		(a)	(a)	898.063	927.42	1092.5	1024.7	927	2485	5.249	(a)	(a)	(a)	272	(a)	(a)	1.54	208	(a)	(a)	(a)	2	1	(a)	(a)
Means		(a)	(a)	28.970	29.917	35.2	33.1	29.9	80.2	.169	(a)	(a)	(c) N	8.8	(a)	(a)	(a)	6.7	U A.St L Nb	U W L N	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation. P Estimated

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Indiana for the Month of March, 1924

Date.	Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	TEMPERATURE.								PRECIPITATION.																				
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	36	24	12	6	30																0				0	0	T	0	1
2	38	23	15	0	30																0				0	0	T	0	2
3	48	30	18	9	39																0				0	0	T	0	3
4	54	35	19	5	44				R R	5:32p DNA	6:05p DNA	R R	DNP 6:40a	DNP 7:15a	R	8:00a	8:30a	R	10:08a	1:05p	.11				0	0	T	0	4
5	42	31	11	8	36																0				0	0	T	0	5
6	36	23	13	6	30				Sm	11:28a	1:50p	Sm	3:10p	8:15p							.12				0	T*	T	.12	6
7	26	20	6	7	23				Sd	DNA	6:30a	Sd	7:05a	7:20p							T				0	T	T	T	7
8	30	22	8	3	26																0				0	T	T	0	8
9	30	21	9	0	26				Sm	3:02p	Cont'd										.16ø				0	.2	.2	.16ø	9
10	32	26	6	3	29				Sm	Cont'd	Cont'd										.42ø				0	5.4	5.6	.42ø	10
11	38	32	6	6	35				Sm	Cont'd	DNA	R	DNA	7:10a	Sm	7:10a	12:10p				.04				0	T	2.8	T	11
12	39	29	10	1	34				Sm	6:25a	7:30a										T				0	T	T	T	12
13	37	27	10	2	32																0				0	0	T	0	13
14	28	22	6	7	25				Sm	11:30a	4:30p										T				0	T	T	T	14
15	32	20	12	1	26				Sm	2:27p	2:45p	Sm	4:50p	5:50p							T				0	T	T	T	15
16	40	25	15	6	32																0				0	0	T	0	16
17	37	26	11	0	32																0				0	0	T	0	17
18	35	31	4	1	33				Sm	DNA	4:10p										.02				0	T*	T	.02	18
19	42	26	16	1	34																0				0	0	T	0	19
20	33	28	5	4	30				Sm	3:22p	Cont'd										.28ø				0	1.8	1.8	.28ø	20
21	34	30	4	2	32				Sm	Cont'd	Cont'd										.21ø				0	2.5	3.8	.21ø	21
22	42	33	9	6	38				Sm	Cont'd	9:20a										.02ø				0	T*	1.5	.02ø	22
23	38	35	3	2	36				R	DNA	11:40a	R+Sm	11:40a	12:30p	R	12:30p	DNP				.03				0	T	0.4	T	23
24	46	34	12	4	40																0				0	0	0	0	24
25	42	33	9	2	38				R	9:48a	6:30p	Sm	6:30p	DNP	R	DNP	DNP				.40				0	T*	T	T*	25
26	36	33	3	4	34				R	12:50p	2:15p	Sm	2:15p	2:45p	R	2:45p	5:05p				T				0	T	0	T	26
27	60	32	28	12	46				R	3:42p	4:04p										T				0	0	0	0	27
28	55	39	16	1	47				R	3:50p	Cont'd										.50ø				0	0	0	0	28
29	64	35	29	3	50				R R	2:25p Cont'd	3:45p DNA	R	6:25a	7:00a	R	8:35a	9:10a	R	11:04a	12:10p	.97ø				0	0	0	0	29
30	35	24	11	20	30				Sm	5:40a	DNP										.01				0	T*	T	.01*	30
31	31	22	9	4	26				Sm	3:55p	Cont'd										.12ø				0	T	T	.12ø	31
S	1216	871	345	136	1043		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	341		Total excess or deficiency since January 1,		0	99	(a)	(a)	(a)
M	39.2	28.1	11.1	4.4	33.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

(8) ø Estimated *Note: Snow melted as it fell

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SUMMARY FOR THE MONTH OF March, 1924

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean +.025.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
28.986	28.970	28.978	29.340	8	28.120	29	1.220	29.933	29.917	29.925	30.30	8	29.02	29	1.28
Corrected mean		28.973						Corrected mean		29.920					

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
30.0	35.2	32.6	28.7	33.1	30.9	39.2	28.1	33.6	64	29	20	15	44	29	29	3	26

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a.m.	Relative Humidity. 8 p.m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a.m.	Vapor Pressure. 8 p.m.	Vapor Pressure. Monthly. (g)
26.4	29.9	28.2	85.3	80.2	82.8	.146	.169	.158

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
7	0	22	0

Clouds.

Most frequent clouds Nb

Most frequent direction upper clouds W

Most frequent direction lower clouds N

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7139	9.6	N	45	SW	29	15	10	11	1	2	4	8	11	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.1	6.7	7.7	33	4	6	21	0	1	14

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
— Not recorded —			29	29	6	19	26, 29	29	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.41	1.47	28-29	0			0			6	15	11	5	0	21	17	9	9.9	T

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping Bucket gage not exposed during the month.																				

* The duration is the time precipitation was actually recorded.

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Prepared by O. E. Russell

C. M. Denough, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Indiana for the Month of March, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
						Extremes of Pressure																			
							Highest																		
8"	10:00 P.M.	9:00 P.M.				29.340	30.30	28.0																	8"
							Lowest																		
29"	2:00 P.M.	1:00 P.M.				28.120	29.02	62.0 ~~62.0~~																	29"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—164

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind, for the Month of March, 1924

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	72	9	131	12	10	1									11	2			224	24
2											256	21	20	2	5	1			281	24
3							46	7			126	14	21	3					193	24
4							13	1	250	15	28	2	53	4	23	2			367	24
5	66	11													145	13			211	24
6	10	3	10	2	15	4	32	7	33	4					81	4			181	24
7											25	2	388	22					413	24
8	4	1									10	1	112	12	86	10			212	24
9	6	2	85	11	62	9	4	1	3	1									160	24
10	90	12	96	9											24	3			210	24
11	191	21													35	3			226	24
12	52	5													200	19			252	24
13	96	12	29	4											63	8			188	24
14	118	17	56	7															174	24
15	20	4													253	20			273	24
16													73	7	196	17			269	24
17	19	4	15	4	29	6	36	9	5	1									104	24
18	52	8	45	6	20	4	13	4							12	2			142	24
19	43	9	52	7	22	2									34	6			151	24
20			395	18	88	6													483	24
21	141	16	111	8															252	24
22	31	6	106	15	15	3													152	24
23	27	8	28	6	37	8	5	1							4	1			101	24
24	48	8													91	16			139	24
25	18	9			61	7	10	2	35	5	4								128	24
26	21	5	22	6	5	1					7	1	28	4	54	7			137	24
27									33	2	218	18	37	4					288	24
28	8	2	27	3	160	16					26	3							221	24
29			30	2	96	7	8	1	20	1	191	8	102	5					447	24
30											93	4	188	11	109	9			390	24
31	35	5	51	8	74	10									10	1			170	24
SUM.	1168	177	1289	128	694	84	167	33	379	29	984	75	1022	74	1436	144	0	0	7139	744
PERCENTAGE	17	24	18	17	10	11	2	5	5	4	14	10	14	10	20	19	8	0	a	a
AVG. HOURLY VELOCITY	6.6	a	10.1	a	8.3	a	5.1	a	13.1	a	13.1	a	13.8	a	10.0	a	0	a	9.6	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of April, *1924*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.ø

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry and Calhoun streets rooms 911-912 Shoaff Bldg; first observation taken in present office, 7:00 a.m. May 20, 1911

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ø Self-recording rain gage exposed on roof at 1:10 p.m. of 11th.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1924

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.312	.119	29.193	30.15	24.0	23.5	23	94	.118	30.0	23.0	NE	3			.16	10	st	NE	Cloudy		P.M.C.D.	1
2	68.5	29.492	.115	29.377	30.35	25.4	23.9	21	81	.108	29.3	23.6	W	5			T	6	cu	W	Pt Cloudy		P.M.C.D.	2
3	70.5	29.460	.121	29.339	30.29	37.3	33.3	27	66	.143	40.7	35.4	S	12			0	8	cu	SW	Cloudy		P.M.C.D.	3
4	73.0	29.366	.126	29.240	30.17	46.3	41.2	35	65	.203	54.1	44.9	S	3			0	8	a st	W	Cloudy		P.M.C.D.	4
5	73.0	29.403	.127	29.276	30.22	43.3	42.0	41	90	.256	61.0	42.1	SW	1			0	7	ci st	W	Pt Cloudy		O.E.R.	5
6	73.0	29.273	.126	29.147	30.08	41.9	39.9	38	85	.228	56.0	40.6	W	5			.01	8	st cu	W	Cloudy		P.M.C.D.	6
7	74.0	29.020	.128	28.892	29.82	40.4	38.4	36	84	.211	48.0	38.2	SE	7			.01	10	Nb	SW	Lt. Rain		P.M.C.D.	7
8	73.5	29.214	.128	29.086	30.03	35.3	34.3	33	91	.187	40.4	30.6	SE	3			0	1	a st	W	Clear		P.M.C.D.	8
9	73.0	28.868	.124	28.744	29.66	45.0	44.5	44	96	.287	54.7	42.0	W	5			.10	10	Nb	W	Lt Rain Ts		P.M.C.D.	9
10	72.5	29.208	.125	29.083	30.02	36.4	34.2	31	81	.172	44.5	33.6	SW	5			0	0	0	0	Clear		P.M.C.D.	10
11	72.0	29.258	.124	29.134	30.07	33.0	31.0	28	80	.150	44.2	31.0	NE	5			0	2 7	a st a st	NW W	Clear		P.M.C.D.	11
12	72.0	29.150	.124	29.026	29.97	42.0	38.4	34	72	.195	42.7	38.0	S	9			0	3	st cu	S	Cloudy		P.M.C.D.	12
13	71.5	29.100	.121	28.979	29.91	48.8	44.3	40	71	.247	53.5	46.4	SW	11			0	0	0	0	Clear		P.M.C.D.	13
14	74.5	29.075	.129	28.946	29.87	56.0	54.0	53	88	.402	67.4	54.2	N	5			T	4	a cu st cu	W N	Cloudy		P.M.C.D.	14
15	74.0	29.178	.129	29.049	29.98	42.0	38.0	33	70	.187	57.1	38.7	E	14			0	0	0	0	Clear		P.M.C.D.	15
16	70.5	29.103	.119	28.984	29.92	42.4	38.4	33	70	.189	47.2	38.3	E	12			0	10	st cu	SW	Cloudy		P.M.C.D.	16
17	69.5	28.867	.115	28.752	29.66	58.5	58.0	58	97	.482	58.5	46.2	S	11			.32	10	Nb	SW	St. Rain		P.M.C.D.	17
18	70.5	29.114	.119	28.995	29.94	42.4	38.9	34	73	.195	52.0	39.3	NW	4			0	0	0	0	Clear		P.M.C.D.	18
19	71.0	29.133	.121	29.012	29.95	42.4	39.1	35	75	.203	48.7	38.0	SW	8			T	0	0	0	Clear		P.M.C.D.	19
20	64.0	28.964	.102	28.862	29.79	40.0	38.0	35	84	.203	50.2	40.0	W	23	31	NW	.11	10	st cu	W	Cloudy		P.M.C.D.	20
21	69.0	29.029	.115	28.914	29.85	33.0	32.5	32	95	.180	45.0	33.0	SE	6			.22	10	Nb	SE	Lt Snow		P.M.C.D.	21
22	66.0	28.892	.107	28.785	29.70	37.0	36.0	35	91	.203	51.2	37.0	NW	16	25	NW	.02	10	st cu	NW	Cloudy		P.M.C.D.	22
23	71.5	29.394	.123	29.271	30.22	39.0	37.2	35	86	.203	44.1	35.0	SW	8			0	1	ci cu	NW	Clear		P.M.C.D.	23
24	71.5	29.322	.122	29.200	30.13	49.2	43.0	36	60	.211	56.0	44.9	S	8			0	2	ci st	W	Clear		P.M.C.D.	24
25	73.0	29.276	.126	29.150	30.07	50.0	46.2	42	75	.266	72.1	47.6	SE	5			0	2	ci st	W	Clear		P.M.C.D.	25
26	72.0	29.408	.125	29.283	30.22	45.0	40.0	34	65	.195	53.0	42.6	E	18			T	4 4	ci st a cu	W W	Cloudy		P.M.C.D.	26
27	69.0	29.448	.117	29.331	30.27	46.0	42.0	37	72	.219	52.0	42.7	E	10			0	2 6	ci cu a st	W W	Cloudy		P.M.C.D.	27
28	71.0	29.144	.121	29.023	29.95	53.0	51.0	49	88	.347	60.5	46.9	NW	9			.32	10	St	NW	Cloudy		P.M.C.D.	28
29	70.0	29.080	.118	28.962	29.89	49.4	46.4	43	80	.277	51.2	44.0	SW	5			T	0	0	0	Clear		P.M.C.D.	29
30	71.5	28.752	.120	28.632	29.54	48.9	47.9	47	93	.322	62.5	48.2	E	6			.32	10	Nb	E	St. Rain		P.M.C.D.	30
31																								31
Sums		(a)	(a)	871.667	899.69	1273.3	1195.5	1102	2418	6.787	(a)	(a)	(a)	242	(a)	(a)	1.59	179	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.056	29.990	42.4	39.8	36.7	80.6	.226	(a)	(a)	(c) SW	8.1	(a)	(a)	(a)	6.0	U a st L st cu	U W L SW & W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	72.5	29.410	.126	29.284	30.24	29.3	28.2	26	88	.136	31.3	24.0	W	16			T	10	Nb	NW	Lt Snow			O.E.R.	1
2	71.0	29.436	.122	29.314	30.26	40.7	36.7	32	69	.180	43.3	25.4	SW	6			0	0	0	0	Clear			O.E.R.	2
3	74.0	29.376	.130	29.246	30.18	54.1	45.3	36	49	.211	60.7	37.3	S	9			0	4	ast	W	Pt Cloudy			O.E.R.	3
4	75.0	29.363	.132	29.231	30.16	61.0	51.0	42	50	.266	68.3	46.3	S	13			0	0	0	0	Clear			O.E.R.	4
5	75.0	29.242	.132	29.110	30.04	56.0	51.0	47	71	.322	59.9	43.3	S	5			0	10	stcu	S	Cloudy			P.McD.	5
6	76.5	29.278	.136	29.142	30.08	48.0	42.6	36	64	.211	52.0	41.9	NW	7	27	NW	T	2 1	cu acu	NW NW	Clear			P.McD.	6
7	74.0	29.148	.129	29.019	29.96	40.4	38.3	36	83	.211	55.3	40.4	NE	10	35	W	.01	2	cu	NE	Clear			O.E.R.	7
8	73.5	28.965	.127	28.838	29.76	54.7	49.3	45	68	.298	60.5	35.3	E	7			.12	8	cu	W	Cloudy			O.E.R.	8
9	75.5	29.185	.133	29.052	29.99	44.5	38.0	30	54	.164	51.2	44.5	NW	8	28	NW	T	1	ast	NW	Clear			O.E.R.	9
10	73.5	29.168	.128	29.040	29.98	44.2	37.7	29	54	.157	52.1	36.4	NW	10			0	1	acu	W	Clear			O.E.R.	10
11	73.0	29.180	.126	29.054	29.99	42.7	37.2	30	60	.164	51.3	33.0	NE	9			0	6 2	acu cu	W W	Cloudy			O.E.R.	11
12	72.5	29.090	.124	28.966	29.90	53.5	47.2	41	63	.256	58.0	42.0	SE	3			0	9	acu	W	Cloudy			O.E.R.	12
13	74.0	28.974	.128	28.846	29.76	67.4	57.2	50	54	.360	71.9	48.8	SW	8	28	SW	0	3	cu	SW	Clear			P.McD.	13
14	75.0	29.141	.132	29.009	29.94	57.1	48.9	41	55	.256	68.7	56.0	E	14			0	2 7	acu stcu	W W	Cloudy			O.E.R.	14
15	72.0	29.113	.123	28.990	29.93	47.2	40.7	32	57	.180	62.7	42.0	E	18			0	0	0	0	Clear			O.E.R.	15
16	71.5	29.005	.121	28.884	29.81	49.7	44.2	38	65	.228	58.4	42.4	E	15			T	10	Nb	SW	Lt Rain			O.E.R.	16
17	71.0	29.073	.120	28.953	29.88	52.0	46.1	40	64	.247	66.2	52.0	NW	16			.04	10 7	St cu	SW NW	Cloudy			O.E.R.	17
18	70.5	29.047	.119	28.928	29.86	48.7	44.7	41	74	.256	59.2	42.4	W	5	29	W	.02	3	cuNb	NW	Cloudy			O.E.R.	18
19	67.5	28.944	.111	28.833	29.75	47.3	44.5	42	81	.266	59.2	42.4	E	6			.04	10	Nb	S	Lt. Rain			O.E.R.	19
20	72.0	29.241	.124	29.117	30.06	45.0	39.0	31	58	.172	48.8	38.0	SW	5			0	10 4	ast acu	W W	Cloudy			P.McD.	20
21	69.0	28.683	.114	28.569	29.49	51.2	50.0	49	92	.347	52.2	33.0	NW	16			1.02	5	cu	NW	Cloudy			O.E.R.	21
22	75.5	29.290	.133	29.157	30.10	44.1	40.4	36	73	.211	49.1	37.0	NW	9	25	NW	T	1	cu	NW	Clear			O.E.R.	22
23	74.5	29.264	.130	29.134	30.06	56.0	47.7	39	54	.237	59.0	39.0	SW	8			0	Few	ast	W	Clear			O.E.R.	23
24	73.5	29.195	.128	29.067	29.99	72.1	58.0	48	42	.334	76.4	49.2	NW	1			0	6	cist	W	Pt Cloudy			O.E.R.	24
25	73.5	29.352	.128	29.224	30.15	53.0	45.0	36	53	.211	64.5	50.0	E	11			T	10	Nb	N	Lt. Rain			O.E.R.	25
26	71.5	29.474	.123	29.351	30.29	52.0	44.7	36	56	.211	63.0	45.0	E	14			0	1 8	cist acu	NW NW	Cloudy			O.E.R.	26
27	70.5	29.262	.120	29.142	30.07	60.5	54.0	49	66	.347	70.4	46.0	NE	7			.01	10	Nb	NE	Lt. Rain			P.McD.	27
28	71.0	29.133	.121	29.012	29.94	51.2	48.2	45	81	.298	55.6	51.2	NW	9			T	10	St	NW	Cloudy			O.E.R.	28
29	72.0	28.940	.123	28.817	29.73	62.5	52.3	43	50	.277	68.0	49.4	NW	5			0	3 1	cist acu	W W	Pt. Cloudy			O.E.R.	29
30	72.0	28.851	.122	28.729	29.65	49.6	43.6	37	62	.219	55.4	48.3	NW	16			.06	5 3	ast acu	NW NW	Cloudy			O.E.R.	30
31																									31
Sums	(a)	(a)	(a)	871.058	899.00	1535.7	1357.7	1163	1910	7.233	(a)	(a)	(a)	286	(a)	(a)	1.32	185	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)	(a)	29.035	29.967	51.2	45.1	38.8	63.7	.241	(a)	(a)	(c) NW	9.5	(a)	(a)	(a)	6.2	U acu L cu	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at **Fort Wayne, Ind.**, for the Month of **April**, 1924

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	31	23	8	1	27				Sm	Cont'd	DNa	Sm	7:10a	8:40a	Sm	12:50p	3:15p	Sm	4:25p	DNp	.04				0	2.0	0.3	.04	1
2	43	24	19	7	34																0				0	T	T	0	2
3	61	35	26	14	48																0				0	0	0	0	3
4	68	45	23	8	56																0				0	0	0	0	4
5	60	42	18	5	51				R	9:50p	Cont'd.										T				0	0	0	0	5
6	52	40	12	5	46				R	Cont'd.	D.N. a	R	3:58p	4:04p							.01				0	0	0	0	6
7	55	36	19	0	46				R	DNa	8:40a										.02				0	0	0	0	7
8	60	31	29	0	46				R	5:45p	5:50p	H	5:50p	5:55p	R	5:55p	6:25				.12				T	0	0	0	8
9	51	39	12	1	45				R	DNa	7:15a										.10				0	0	0	0	9
10	52	34	18	2	43																0				0	0	0	0	10
11	51	31	20	2	41																0				0	0	0	0	11
12	58	38	20	7	48																0				0	0	0	0	12
13	72	46	26	11	59				R	10:45p	11:35p										T				0	0	0	0	13
14	69	45	24	2	57																0				0	0	0	0	14
15	63	39	24	6	51																0				0	0	0	0	15
16	58	38	20	3	48				R	7:10a	8:15a	R	5:10p	DNp							.04				0	0	0	0	16
17	66	44	22	7	55				R	DNa	8:15a										.32				0	0	0	0	17
18	59	39	20	6	49				R	3:24p	4:35p	R	7:10p	8:10p							.02				0	0	0	0	18
19	59	38	21	1	48				R	3:05p	DNp										.12				0	0	0	0	19
20	50	38	12	4	44				R	1:30a	DNa										.03				0	0	0	0	20
21	52	33	19	2	42				R DNp R	DNa	DNp 6:20a	Sm	6:20a	8:00a	R	8:00a	10:50a	R	12:10p	4:15p	1.26				0	4.7	0	.47	21
22	49	37	12	1	43				R	8:00a	8:30a										T				0	0	0	0	22
23	59	35	24	4	47																0				0	0	0	0	23
24	76	45	31	13	60																0				0	0	0	0	24
25	64	46	18	5	55				R	5:40p	7:45p										T				0	0	0	0	25
26	63	43	20	2	53																0				0	0	0	0	26
27	70	43	27	3	56				R	4:55p	Cont'd										.31				0	0	0	0	27
28	56	46	10	5	51				R	Cont'd	DNa	R	3:44p	4:45p	R	6:55p	DNp				.02				0	0	0	0	28
29	68	44	24	5	56																0				0	0	0	0	29
30	55	43	12	7	49				R	DNa	1:17p										.38				0	0	0	0	30
31																													31
S	1750	1160	590	139	1454		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.79		Total excess or deficiency since January 1,		T	6.7	(a)	(a)	(a)
M	58.3	38.7	19.7	4.6	48.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Ø Estimated

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SUMMARY FOR THE MONTH OF April, 1924

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
29.056	29.035	29.046	29.390	2	28.510	21	0.880	29.990	29.967	29.978	30.35	2	29.43	21	0.92
Corrected mean		29.041						Corrected mean		29.973					

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
42.4	51.2	46.8	39.8	45.1	42.4	58.3	38.7	48.5	76	24	23	1	53	31	24	8	1

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative humidity. 8 a.m.	Relative humidity. 8 p.m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a.m.	Vapor pressure. 8 p.m.	Vapor pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
36.7	38.8	37.8	80.6	63.7	72.2	.226	.241	.234	1	0	4	0

CLOUDS.

Most frequent clouds Cu

Most frequent direction upper clouds W

Most frequent direction lower clouds NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7234	10.0	E	35	W	7	1	5	12	5	8	10	6	13	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.0	6.2	6.1	50	6	14	10	0	6	8

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
23	10	1,2,8,11	8,9,21	0	3	0	0	0	0	0	0	0	8	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.79	1.26	21	0			0			4	14	9	4	1	18	2	2	6.7	0

(w) Maximum precipitation in 5 minutes Ø —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Ø not compiled as tipping bucket raingage was in use only part of month

Tipping bucket raingage erected on roof at 1:10 pm. of 11th.

* The duration is the time precipitation was actually recorded.

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Prepared by OER

P. M. Donough, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1924

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
21	12 00 pm	11 00 am	69.0	28.776	.114	28.662	29.60	36.6	36.1	36	1	95	36.6	SE	8			.60	10	St	SE	Cloudy		OER	21
30	4 00 pm	3 00 pm	73.0	28.748	.124	28.624	29.53	55.0	48.0	41	14	60	55.4	N	13			.06	10	St cu	N	Cloudy	ordered by Chicago	PMD	30
							Extremes of Pressure																		
							Highest																		
2d	10 00 am	9 00 am				29.390	30.35	31.0																	2d
							Lowest.																		
21st	6 00 pm	5 00 pm				28.510	29.43	52.0																	21st

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind, for the Month of April, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1			26	7									121	12	79	5			226	24
2									36	5	23	4	130	15					189	24
3									141	15	142	9							283	24
4									78	14	50	7	6	1	10	2			144	24
5							5	1	76	11	59	10	3	2					143	24
6											22	2	89	9	142	13			253	24
7			36	3	31	5	29	6	16	2	12	1			137	7			261	24
8					70	8	99	16											169	24
9	19	3	8	1	25	3	4	1	6	1			7	1	230	14			299	24
10											28	4	115	9	70	11			213	24
11	17	2	46	6	6	1	5	1	6	1	25	5	11	2	7	6			123	24
12	7	2	13	2	13	2	17	5	21	3	34	3	47	4	26	3			178	24
13											319	24							319	24
14			45	4	183	13					18	3	11	2	10	2			267	24
15					403	24													403	24
16			13	1	329	23													341	24
17					27	4	8	2	21	2	32	2	84	7	76	7			248	24
18											63	6	80	10	48	8			191	24
19					4	1			39	4	148	13	68	6					259	24
20	42	3							27	4	52	4	91	6	83	7			295	24
21					43	6	75	10	6	1	7	1	53	6					184	24
22											11	1	48	5	273	18			332	24
23							13	3	8	2	144	14	21	5					186	24
24							11	2	40	6	74	12	13	2	5	2			143	24
25			28	2	320	21					6	1							354	24
26					388	24													388	24
27			31	5	127	13	51	6											209	24
28					11	4					17	3	154	13	46	4			228	24
29	11	2	12	2							54	7	95	11	9	2			181	24
30	107	10	49	7	13	2									55	5			124	24
31																				
SUM.	203	22	307	40	1993	154	317	53	521	71	1340	136	1247	128	1306	116	0	0	7234	720
PERCENTAGE	3	3	4	6	28	21	4	7	7	10	19	19	17	18	18	16			a	a
AVG. HOURLY VELOCITY	9.2	a	7.7	a	12.9	a	6.0	a	7.3	a	9.9	a	9.7	a	11.3	a		a	10.0	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of May, *1924*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry and Calhoun street, rooms 911-912 # Tri-State Bldg.; first observation taken in present office, 7:00 a.m. May 20, 19 11

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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Name of Building Changed from Shoaff to Tri-State May 15, 1924.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	− Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.017	.118	28.899	29.83	40.3	35.4	28	62	.150	49.6	37.0	NW	11			0	0	0	0	Clear		O.E.R.	1
2	69.0	29.049	.115	28.934	29.86	49.0	44.6	40	71	.247	54.0	44.6	W	9			0	1	ci st	W	Clear		O.E.R.	2
3	70.0	28.971	.118	28.853	29.76	49.3	46.3	43	80	.277	62.0	47.2	SE	7			.09	4	a cu	W	Pt. Cloudy		O.E.R.	3
4	68.0	29.095	.112	28.983	29.92	42.4	38.3	33	69	.187	51.3	41.0	E	7			0	7	a cu	NW	Pt. Cloudy		O.E.R.	4
5	67.5	29.212	.112	29.100	30.03	45.2	38.3	29	53	.157	58.7	41.8	E	3			0	2	ci cu	W	Clear		O.E.R.	5
6	70.0	29.085	.118	28.967	29.89	64.5	57.0	52	64	.387	70.0	59.2	SW	9			0	4	cu	SW	Pt. Cloudy		O.E.R.	6
7	71.0	29.028	.120	28.908	29.83	50.0	47.8	46	86	.310	58.8	47.3	SE	6			.05	4 10	a st st	SW N	Pt. Cloudy		O.E.R.	7
8	71.5	28.808	.120	28.688	29.60	51.0	50.2	49	95	.347	63.7	51.0	N	8			.03	7	Lt Fog	N	Cloudy		O.E.R.	8
9	68.0	28.943	.112	28.831	29.75	45.9	44.3	43	88	.277	49.5	44.9	SW	9			T	10	st	SW	Cloudy		O.E.R.	9
10	68.5	29.175	.114	29.061	29.99	46.4	45.7	45	95	.298	49.0	44.9	SE	4			.10	10 5 6	st cu Lt Fog a cu	SE SE E	Cloudy		O.E.R.	10
11	67.5	29.174	.112	29.062	29.99	49.9	47.6	45	85	.298	54.9	46.4	E	3			.36	2	cu	E	Cloudy		O.E.R.	11
12	69.0	29.118	.115	29.003	29.93	50.0	46.3	43	76	.277	56.7	47.3	NW	10			T	0	0	0	Clear		O.E.R.	12
13	69.5	28.948	.116	28.832	29.74	56.3	50.5	46	67	.310	64.0	54.4	SW	9			0	4 3	a st a cu	SW SW	Pt Cloudy		O.E.R.	13
14	70.0	28.989	.118	28.871	29.80	44.1	40.8	37	76	.219	57.2	41.5	NW	5			0	2	a st	W	Clear		O.E.R.	14
15	69.5	29.141	.117	29.024	29.96	46.8	44.9	43	87	.277	46.8	45.2	SW	7			0	10	st	SW	Cloudy		O.E.R.	15
16	71.0	29.145	.121	29.024	29.95	48.5	46.5	44	87	.287	56.6	45.6	W	3			0	5	a cu	N	Pt Cloudy		O.E.R.	16
17	71.0	28.972	.120	28.852	29.76	58.3	51.7	46	64	.310	63.3	53.1	SW	16			0	3	a st	W	Clear		O.E.R.	17
18	71.5	28.771	.120	28.651	29.56	55.0	54.0	53	94	.402	70.0	52.8	W	11	31	SW	.20	10	st	W	Cloudy		O.E.R.	18
19	69.0	29.280	.116	29.164	30.09	48.0	40.5	31	51	.172	57.1	45.5	SE	4			T	9	a st	W	Cloudy		O.E.R.	19
20	69.0	29.246	.116	29.130	30.06	42.7	40.4	38	83	.228	58.3	40.7	NE	12			0	10	st	E	Cloudy		O.E.R.	20
21	68.0	29.091	.112	28.979	29.92	44.8	39.5	33	63	.187	50.0	38.3	W	4			0	1	a st	W	Clear		O.E.R.	21
22	67.0	29.119	.110	29.009	29.94	46.0	37.5	25	43	.130	49.0	35.2	S	6			0	1	a st	W	Clear		O.E.R.	22
23	67.5	29.076	.111	28.965	29.89	49.3	43.5	37	62	.219	55.3	41.7	SE	9			0	10	a st	W	Cloudy		O.E.R.	23
24	69.0	28.882	.115	28.767	29.69	40.9	39.7	38	90	.228	61.8	40.9	NW	18	26	S	.56	10	st	NW	Cloudy		O.E.R.	24
25	66.5	29.037	.108	28.929	29.86	42.8	39.2	35	73	.203	48.5	38.3	SW	12			0	Few	ci st	NW	Clear		O.E.R.	25
26	63.5	29.200	.101	29.099	30.04	45.3	41.9	38	76	.228	47.5	39.2	SW	6			0	0	0	0	Clear		O.E.R.	26
27	65.0	28.917	.104	28.813	29.72	54.2	53.8	53	98	.402	62.0	54.0	SE	5			.01	10	Nb	SE	Lt. Rain		O.E.R.	27
28	66.5	29.023	.108	28.915	29.84	55.5	53.9	52	90	.387	64.2	54.7	SW	6			.02	10	st	SW	Cloudy		O.E.R.	28
29	68.0	28.987	.112	28.875	29.80	56.2	52.0	49	76	.347	68.0	54.8	S	2			.01	10	Nb	S	Lt. Rain		O.E.R.	29
30	66.0	29.343	.108	29.235	30.17	46.0	42.9	40	78	.247	50.8	39.5	NW	7			0	Few	a.cu.	NW	Clear		O.E.R.	30
31	65.5	29.256	.107	29.149	30.08	53.3	48.3	43	70	.277	60.0	44.7	SW	10			0	4	Ci.St.	NW	Pt. Cloudy		O.E.R.	31
Sums		(a)	(a)	897.572	926.25	1577.9	1403.2	1277	2352	8.272	(a)	(a)	(a)	238	(a)	(a)	1.43	172	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	28.954	29.879	49.0	45.3	41.2	75.9	.267	(a)	(a)	(c) SW	7.7	(a)	(a)	(a)	5.5	U a.st. L st.	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	72.0	29.023	.123	28.900	29.83	54.0	44.0	32	43	.180	56.4	40.3	SW	8			0	1	stcu	SW	Clear			PMcD	1
2	71.0	29.047	.120	28.927	29.85	62.0	49.2	36	38	.211	66.0	49.0	SW	5			0	2	stcu	SW	Clear			PMcD	2
3	71.0	28.994	.120	28.874	29.80	51.3	44.2	36	57	.211	63.4	49.3	NW	14	35	NW	.27	0	o	o	Clear			PMcD	3
4	70.0	29.120	.118	29.002	29.93	58.7	45.7	30	34	.164	62.3	41.0	NW	5			0	2	ast	W	Clear			OER	4
5	72.5	29.044	.124	28.920	29.84	70.0	60.0	53	56	.402	73.6	45.2	S	10			0	Few	ast	W	Clear			PMcD	5
6	75.0	29.074	.131	28.943	29.86	58.8	53.8	50	73	.360	83.2	58.8	E	13			.01	3	ast	SW	Clear			PMcD	6
7	74.0	28.916	.128	28.788	29.70	63.7	61.2	60	87	.517	78.9	50.0	E	6	26	SW	.37	3 1	ast cu	S W	Pt Cloudy	B 6:30a		PMcD	7
8	72.0	28.862	.122	28.740	29.66	49.5	48.5	48	93	.334	51.4	48.0	W	10			.39	10	Nb	NW	Lt. Rain	E 10:00a		PMcD	8
9	69.5	29.106	.116	28.990	29.93	49.0	46.8	45	85	.298	54.6	45.9	W	2			.06	10	stcu	W	Cloudy			PMcD	9
10	70.0	29.170	.118	29.052	29.98	54.9	50.0	46	72	.310	58.2	45.7	NE	8			.01	10	st	NE	Cloudy	B 0 Na E 7:30a		PMcD	10
11	69.0	29.148	.116	29.032	29.96	56.7	53.2	51	80	.373	61.3	49.9	N	5			T	10	Nb	N	Lt. Rain			OER	11
12	72.0	29.022	.123	28.899	29.82	64.0	53.0	44	48	.287	67.8	50.0	NW	3			0	1	cu	NW	Clear			PMcD	12
13	71.0	28.922	.120	28.802	29.71	57.2	51.1	46	66	.310	66.2	56.3	NW	13			.08	8	cu	SW	Cloudy			PMcD	13
14	70.0	29.070	.118	28.952	29.88	46.8	43.2	40	75	.247	50.0	44.1	W	7			T	10	st	NW	Cloudy			PMcD	14
15	72.0	29.143	.124	29.019	29.95	56.6	50.6	46	66	.310	60.4	46.6	NW	3			0	2	cu	NW	Clear			PMcD	15
16	73.5	29.038	.127	28.911	29.83	63.3	51.8	41	45	.256	68.4	48.5	SW	9			0	1 Few	ast st	NW SW	Clear			PMcD	16
17	73.5	28.811	.126	28.685	29.58	70.0	57.6	48	46	.334	75.0	58.3	SW	19	36	SW	0	1 1	cist ast	W W	Clear			PMcD	17
18	71.5	29.110	.121	28.989	29.92	57.1	46.6	35	44	.203	61.1	50.7	W	5	31	W	.01	Few	cu	NW	Clear			OER	18
19	70.5	29.196	.120	29.076	30.01	58.3	51.8	46	64	.310	61.4	45.6	SW	6			.02	1 3	ast stcu	W SW	Pt Cloudy			PMcD	19
20	70.0	29.150	.118	29.032	29.97	50.0	42.6	34	54	.195	53.0	42.4	E	6			0	5	cist	W	Pt Cloudy			PMcD	20
21	69.0	29.120	.115	29.005	29.94	49.0	40.0	28	43	.150	56.7	44.8	N	9			0	1	st	N	Clear			PMcD	21
22	70.0	29.016	.118	28.898	29.83	55.3	47.0	39	53	.237	64.0	46.0	NW	10			0	1	ci	NW	Clear			PMcD	22
23	70.5	28.780	.118	28.662	29.57	59.0	55.5	53	81	.402	67.8	49.3	S	16			.16	10	stcu	SW	Cloudy			PMcD	23
24	69.5	29.057	.116	28.941	29.87	48.5	40.5	30	48	.164	52.0	40.9	NW	9	27	NW	0	8	stcu	NW	Cloudy			PMcD	24
25	66.0	29.035	.107	28.928	29.86	47.5	41.5	34	60	.195	52.1	40.6	W	8	27	W	.10	1	st	NW	Clear			OER	25
26	68.0	29.103	.112	28.991	29.92	62.0	55.0	50	64	.360	64.4	45.3	S	6			0	8 2	ast st	W S	Cloudy			PMcD	26
27	68.0	28.905	.112	28.793	29.70	64.2	61.7	60	87	.517	67.6	54.2	SW	9			.01	4 4	acu cu	W SW	Cloudy			PMcD	27
28	70.5	29.000	.119	28.881	29.80	68.0	60.0	55	63	.432	72.6	55.5	NW	6			0	9	ast	W	Cloudy			PMcD	28
29	69.5	29.132	.117	29.015	29.95	50.8	49.8	49	94	.347	56.2	48.0	NW	5			.47	10	st	N	Cloudy			PMcD	29
30	67.5	29.291	.112	29.179	30.11	60.0	51.5	44	56	.287	63.4	46.0	NW	8			0	1	cu	NW	Clear			OER	30
31	68.0	29.142	.113	29.029	29.95	64.7	58.2	54	68	.417	68.4	53.3	W	5			T	7 2	cu. st.	W W	Cloudy			PMcD	31
Sums		(a)	(a)	896.856	925.51	1780.9	1565.6	1363	1943	9.320	(a)	(a)	(a)	248	(a)	(a)	1.96	153	(a)	(a)	(a)	2	0	(a)	(a)
Means		(a)	(a)	28.931	29.855	57.4	50.5	44.0	62.7	.301	(a)	(a)	(c) NW	8.0	(a)	(a)	(a)	4.9	U ast, cu L cu, st.	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1924

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Thursday 1	56	37	19	3	46																0				0	0	0	0	1
2	66	45	21	10	56																0				0	0	0	0	2
3	63	42	21	4	52				R	12:55p	1:10p																		
									R	DNa	DNa	R	11:04a	11:25a	R	12:36p	12:45p	R+H	12:45p	12:55p	.36				T	0	0	0	3
4	62	41	21	0	52																0				0	0	0	0	4
5	74	42	32	6	58																0				0	0	0	0	5
6	83	49	34	8	66				R	3:45p	4:05p										.01				0	0	0	0	6
7	79	47	32	3	63				R	DNa	DNa	R	1:40p	2:05p	R	2:21p	3:45p	R	8:20p	9:15p	.45				0	0	0	0	7
8	60	48	12	9	54				R	7:10a	DNp										.39				0	0	0	0	8
9	55	45	10	4	50				R	1:30p	1:35p	R	3:40p	6:10p							.06				0	0	0	0	9
10	58	45	13	2	52				R	2:20a	6:30a	R	7:15a	8:20a	R	7:12p	Cont'd				.23				0	0	0	0	10
11	61	46	15	2	54				R	Cont'd	DNa	R	2:33p	2:08p	R	4:45p	5:10p	R	6:02p	7:05p	.24				0	0	0	0	11
12	68	47	21	4	58																0				0	0	0	0	12
13	66	45	21	2	56				R	8:45a	11:15a	R	1:20p	2:02p							.08				0	0	0	0	13
14	50	42	8	10	46				R	10:05a	10:35a	R	11:25a	2:20p	R	3:05p	3:20p				T				0	0	0	0	14
15	60	46	14	7	53																0				0	0	0	0	15
16	68	46	22	4	57																0				0	0	0	0	16
17	75	53	22	7	64				R	11:20p	Cont'd										.01				0	0	0	0	17
18	62	48	14	9	55				R	Cont'd	5:30a	R	9:05a	9:22a							.20				0	0	0	0	18
19	61	46	15	1	54				R	DNa	DNa	R	9:00a	9:45a							.02				0	0	0	0	19
20	53	41	12	7	47																0				0	0	0	0	20
21	57	38	19	1	48																0				0	0	0	0	21
22	64	35	29	2	50																0				0	0	0	0	22
23	68	42	26	5	55				R	12:08p	6:20p	R	DNa	Cont'd							.46				0	0	0	0	23
24	59	41	18	5	50				R	Cont'd	DNa										.26				0	0	0	0	24
25	52	38	14	5	45				R	11:05a	2:25p	R	3:55p	4:20p							.10				0	0	0	0	25
26	64	39	25	7	52																0				0	0	0	0	26
27	68	54	14	9	61				R	DNa	10:10a										.02				0	0	0	0	27
28	73	55	18	3	64				R	1:15a	6:30a										.02				0	0	0	0	28
29	57	44	13	14	50				R	DNa	3:55p										.48				0	0	0	0	29
30	63	40	23	2	52																0				0	0	0	0	30
31	68	45	23	4	56				R	2:30p	2:40p										T				0	0	0	0	31
S	1973	1372	601	159	1676		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.39		Total excess or deficiency since January 1,		T	0	(a)	(a)	(a)
M	63.6	44.3	19.4	5.1	54.1	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF May, 1924

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
28.954	28.931	28.942	29.260	30	28.510	24	0.750	29.879	29.855	29.867	30.20	30	29.41	24	0.79
Corrected mean		28.937						Corrected mean		29.862					

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
49.0	57.4	53.2	45.3	50.5	47.9	63.6	44.3	54.0	83	6	35	22	48	34	6	8	14

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a.m.	Relative Humidity. 8 p.m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a.m.	Vapor Pressure. 8 p.m.	Vapor Pressure. Monthly. (g)
41.2	44.0	42.6	75.9	62.7	69.3	.267	.301	.284

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	0	0	0

Clouds.

Most frequent clouds: Cumulus

Most frequent direction upper clouds: W

Most frequent direction lower clouds: NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6691	9.0	SW	36	SW	17	3	2	6	6	5	15	10	15	0

Number of Times Wind Observed from the—

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.5	4.9	6.4	40	6	12	13	1	6	10

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Fog. Dense.	Haze. Light.	Haze. Dense.	Smoke. Light.	Smoke. Dense.	Hail.	Aurora.
21	22	0	3, 7, 13, 23, 24	0	31	0	8, 10	0	0	0	0	0	3	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.	Snow. Total depth. (o)	Snow. Average depth at end of month.
3.39	0.72	23-24	0			0			2	17	12	6	0	19	0	0	0	0

(w) Maximum precipitation in 5 minutes .27, date 7; 10 minutes .29, date 7; 15 minutes .31, date 7; 30 minutes .34, date 7; 1 hour .37, date 7; 2 hours .40, date 23-24.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
7	2:21 p	3:45 p	.37	2:59 p	3:04 p	.03	.27													

* The duration is the time precipitation was actually recorded.

8—154

Prepared by O.E.R.

C. M. Donoughe Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1924

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
6"	12:00 noon	11:00 am	71.5	29.076	.121	28.955	29.87	80.0	65.0	56	24	44	80.0	SW	9			0	Few	cu	SW	Clear	ordered by Chicago	O.G.R.	6"
						Extremes of Pressure.																			
							Highest																		
30"	10:00 am	9:00 am				29.260	30.20	52.0																	30"
							Lowest.																		
24"	2:30 a.m.	1:30 am				28.510	29.41	59.0																	24"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAY - 1924, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											66	6	68	6	125	12			259	24
2											99	10	133	14					232	24
3	16	4					12	2	21	2	46	3	21	3	156	10			272	24
4	38	6	11	2	27	4					17	5	5	1	42	6			140	24
5	3	1	23	6	3	1	3	1	138	13	27	2							195	24
6					79	7					144	15	8	1	7	1			238	24
7	4	1	29	4	52	8	35	6	5	2	5	1			8	2			138	24
8					30	6							50	6	114	12			194	24
9							24	5	9	1	159	15	14	3					206	24
10			43	5	7	1	26	6	45	7	19	4	3	1					143	24
11	49	6	111	13	18	4									9	1			187	24
12	41	5									13	2	5	1	152	16			211	24
13									27	2	120	13	64	6	36	3			247	24
14	6	1									22	3	58	10	75	10			161	24
15											36	4	60	10	49	9	0	1	145	24
16									20	2	81	8	31	9	33	5			165	24
17											480	24							480	24
18	12	1									55	6	85	8	161	9			313	24
19	4	1	30	4	40	6	11	2	14	2	43	6	8	3					150	24
20			139	12	65	8	9	4											213	24
21	26	7									8	1	28	3	151	13			213	24
22									11	1	106	9	34	5	55	9			206	24
23							8	1	218	16	82	6	4	1					312	24
24											42	4	9	2	326	18			377	24
25											189	18	60	4	21	2			270	24
26							16	3	18	3	165	18							199	24
27							22	6	29	5	53	6	46	6	5	1			155	24
28											53	9	62	8	30	7			145	24
29	17	4	44	7					8	2	24	5	4	1	37	5			134	24
30													20	3	162	21			182	24
31											82	11	125	13					207	24
SUM.	216	37	430	53	321	45	166	36	563	58	2236	214	1005	128	1754	172	0	1	6691	744
PERCENTAGE	3	5	7	7	5	6	3	5	8	8	33	29	15	17	26	23	0	0	a	a
AVG. HOURLY VELOCITY	5.8	a	8.1	a	7.1	a	4.6	a	9.7	a	10.4	a	7.9	a	10.2	a	0	a	9.0	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of June, *1924*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry and Calhoun street & rooms 911-912 Tri-State Bldg.; first observation taken in present office, 7:00 a.m. May 20, 19 11

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1924

Number of Station barometer, 656; sum of corrections, — .009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	67.0	29.100	.110	28.990	29.91	54.8	53.8	53	94	.402	64.7	53.0	W	5			.02	10	Nb	W	Lt. Rain		P.McD.	1
2	66.0	29.105	.107	28.998	29.93	48.0	48.0	48	100	.334	55.0	44.0	E	2			0	8	Light Fog	N	Clear		P.McD.	2
3	67.0	29.130	.110	29.020	29.94	54.4	53.9	53	97	.402	64.3	53.3	S	5			.07	10	Nb	S	Lt. Rain		P.McD.	3
4	66.5	29.228	.109	29.119	30.05	48.0	48.0	48	100	.334	56.1	45.0	SW	3			.01	10	Dense Fog	SW	Foggy		P.McD.	4
5	67.0	29.227	.110	29.117	30.04	58.3	55.1	53	82	.402	65.0	54.9	SE	6			.05	9	St cu	SE	Cloudy		P.McD.	5
6	69.0	29.012	.115	28.897	29.82	61.0	59.0	58	89	.482	65.8	57.6	NW	13	31	SW	.07	8	cu	NW	Cloudy		P.McD.	6
7	69.5	29.235	.117	29.118	30.04	52.5	49.0	46	78	.310	64.7	48.0	NE	7			0	6 2	a cu a St	W W	Cloudy		P.McD.	7
8	70.0	29.064	.118	28.946	29.87	52.0	50.0	48	88	.334	64.9	49.0	NW	9	35	NW	.33	10	Nb	E	Lt. Rain		P.McD.	8
9	68.0	29.255	.113	29.142	30.07	51.0	51.0	51	100	.373	57.0	51.0	NE	16	36	NW	.42	10	Nb	NE	Hy Rain		P.McD.	9
10	67.5	29.254	.112	29.142	30.06	58.0	57.5	57	97	.465	63.8	54.0	N	5			0	10 8	St Lt Fog	N N	Cloudy		P.McD.	10
11	70.0	29.260	.119	29.141	30.05	65.0	62.0	60	85	.517	72.3	57.7	N	4			0	8	a St	W	Cloudy		P.McD.	11
12	73.0	29.311	.126	29.185	30.10	64.0	59.0	56	75	.448	73.3	57.0	E	5			0	10	a St	W	Cloudy		P.McD.	12
13	75.0	29.180	.132	29.048	29.96	68.0	65.4	64	87	.595	70.2	63.4	SW	1			.05	0	0	0	Clear		P.McD.	13
14	77.0	29.216	.137	29.079	29.99	67.3	63.3	61	80	.536	77.2	60.2	NE	5			0	1	a St	W	Clear		P.McD.	14
15	77.0	29.158	.137	29.021	29.93	64.0	60.5	58	82	.482	72.3	62.1	S	8			0	10	a St	W	Cloudy		P.McD.	15
16	75.0	29.220	.132	29.088	30.01	60.9	58.7	58	88	.482	62.0	59.4	NE	12			T	4	cu	NE	Pt Cloudy		P.McD.	16
17	73.0	29.214	.126	29.088	30.01	61.0	58.0	56	84	.448	62.2	54.3	SW	3			0	1	a St	W	Clear		P.McD.	17
18	75.0	29.130	.132	28.998	29.91	63.0	62.0	61	95	.536	77.0	61.0	NE	6			.09	10	St	NE	Cloudy		P.McD.	18
19	75.5	29.072	.132	28.940	29.84	72.0	68.5	67	84	.661	73.2	62.0	SE	4			0	7	a St	W	Pt. Cloudy		P.McD.	19
20	83.0	29.120	.152	28.968	29.86	77.2	73.2	71	83	.757	87.3	75.3	SW	10			0	Few	a St	W	Clear		P.McD.	20
21	84.0	29.300	.156	29.144	30.05	68.0	65.0	63	85	.575	68.7	65.6	NW	6			.40	6 2	a St St cu	W NW	Cloudy		P.McD.	21
22	82.0	29.350	.150	29.200	30.11	71.0	64.5	61	71	.536	76.8	62.6	SW	5			0	1	a St	W	Clear		P.McD.	22
23	81.0	29.094	.147	28.947	29.86	67.0	65.0	64	90	.595	67.0	63.0	W	9			.08	8	a St	W	Cloudy		P.McD.	23
24	80.0	29.254	.145	29.109	30.02	70.4	68.9	68	93	.684	78.3	66.1	SW	3			0	9	a St	W	Cloudy		P.McD.	24
25	80.0	29.152	.145	29.007	29.92	65.0	64.0	63	95	.575	78.8	62.0	NW	9			1.35	10	St cu	NW	Cloudy		P.McD.	25
26	79.5	29.308	.144	29.164	30.08	65.2	63.0	62	89	.535	74.0	61.9	S	4			0	4 4	a cu cu	NW SW	Cloudy		P.McD.	26
27	78.5	29.213	.141	29.072	29.98	65.8	63.9	63	90	.575	74.7	63.0	SW	6			.04	0	0	0	Clear		P.McD.	27
28	79.5	29.045	.142	28.903	29.80	69.0	68.0	68	95	.684	76.8	67.8	S	11			.12	10	Nb	S	Lt. Rain		P.McD.	28
29	78.0	29.020	.138	28.882	29.79	61.6	58.1	56	81	.448	74.9	60.6	W	17			T	1	Cu.	W	Clear		P.McD.	29
30	75.5	29.290	.133	29.157	30.08	61.0	57.0	54	79	.417	67.0	54.6	NW	6			0	1	St.	NW	Clear		P.McD.	30
31																								31
Sums		(a)	(a)	871.630	899.08	1864.4	1793.3	1749	2636	14.944	(a)	(a)	(a)	205	(a)	(a)	3.10	182	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.054	29.969	62.1	59.8	58.3	87.9	.498	(a)	(a)	(c) SW	6.8	(a)	(a)	(a)	6.1	U a St L Nb	U W L NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	67.0	29.036	.110	28.926	29.85	55.0	54.5	54	97	.417	56.0	54.2	E	4			.23	10	St cu	E	Cloudy	B 5:45 a	B D N a	P. McD	1
2	67.5	29.088	.111	28.977	29.91	64.3	57.0	52	64	.387	69.3	48.0	SW	5			0	5	a st	NW	Pt Cloudy	E 8:00 a	E 5:45 a	O.E.R.	2
3	69.0	29.125	.115	29.010	29.94	56.1	55.0	54	93	.417	61.0	54.4	E	7			.09	4 4 5	a cu st cu Lt. Fog	NW NE NE	Cloudy	B 8:00 a E cont'd B 9:00 a		O.E.R.	3
4	67.5	29.214	.112	29.102	30.03	65.0	57.2	51	63	.373	68.4	48.0	S	3			0	7 2	a st a cu	W W	Cloudy	E cont'd B 7:15 a E 10:30 a	B D N a E 7:15 a	O.E.R.	4
5	69.5	29.018	.116	28.902	29.82	58.2	58.0	58	99	.482	74.9	58.2	S	9	30	SW	.39	10	Nb	SW	Lt. Rain			O.E.R.	5
6	71.0	29.096	.120	28.976	29.90	64.7	55.9	49	58	.347	68.5	60.0	W	8			0	1 Few	Ci st St cu	W W	Clear			O.E.R.	6
7	71.5	29.122	.121	29.001	29.92	64.9	56.4	50	59	.360	68.3	52.5	E	6			0	5 2	a.cu. a st	W W	Pt. Cloudy			O.E.R.	7
8	70.0	29.150	.118	29.032	29.96	57.0	55.5	54	91	.417	66.0	49.7	NE	12			.19	10	St	NE	Cloudy			P.McD	8
9	68.0	29.191	.113	29.078	30.01	63.8	61.5	60	88	.517	64.2	50.3	E	4			.25	9	St cu	W	Cloudy			O.E.R.	9
10	71.0	29.245	.121	29.124	30.04	72.3	67.5	65	79	.616	76.0	58.0	N	8			0	2	Ci cu	W	Clear	B D N a E 1:00 p		O.E.R.	10
11	73.5	29.252	.128	29.124	30.03	73.3	61.8	54	52	.417	77.2	65.0	N	4			0	7	a cu	W	Pt Cloudy			O.E.R.	11
12	75.5	29.223	.133	29.090	30.01	70.2	68.7	68	93	.684	79.4	64.0	SW	8			T	10	Nb	SW	Lt. Rain			O.E.R.	12
13	78.0	29.155	.139	29.016	29.92	77.2	68.2	64	63	.595	82.4	68.0	NE	7			0	2 Few	a St cu	NW N	Clear			O.E.R.	13
14	78.5	29.194	.141	29.053	29.96	72.3	64.8	61	67	.536	78.1	63.3	E	5			.28	2	Ci st	NW	Clear			O.E.R.	14
15	77.5	29.068	.137	28.931	29.84	62.0	61.0	60	94	.517	70.0	62.0	NE	8			.34	10	Nb	NE	Lt. Rain			P.McD	15
16	74.0	29.207	.129	29.078	30.00	62.2	58.8	56	82	.448	64.3	58.3	NE	2			0	10	St	NW	Cloudy			O.E.R.	16
17	75.0	29.060	.131	28.929	29.84	77.0	66.3	61	57	.536	80.0	61.0	SW	2			0	1 8	a st St	W SW	Cloudy			O.E.R.	17
18	76.5	29.091	.135	28.956	29.87	73.2	68.3	66	78	.638	76.1	63.0	E	8			0	4	Ci st	W	Pt Cloudy			O.E.R.	18
19	83.5	28.979	.153	28.826	29.72	87.3	75.8	71	59	.757	89.8	72.0	SW	11	26	S	0	1	Ci st	W	Clear			O.E.R.	19
20	86.0	29.188	.160	29.028	29.94	67.0	67.0	67	100	.661	90.5	67.0	NW	20	34	NW	.16	10	Nb	NW	Hy Rain			O.E.R.	20
21	83.0	29.308	.153	29.155	30.08	76.8	66.0	60	57	.517	79.4	68.0	NW	5			0	3	a St	W	Clear			O.E.R.	21
22	83.0	29.212	.152	29.060	29.97	64.0	64.0	64	100	.595	83.4	64.0	NW	13	39	NW	.35	10	Nb	NW	Lt. Rain			P.McD	22
23	80.5	29.203	.146	29.057	29.97	78.3	71.8	69	73	.707	79.2	67.0	W	4			0	7	a St	W	Pt Cloudy			O.E.R.	23
24	81.0	29.095	.147	28.948	29.85	78.8	70.8	67	68	.661	80.7	70.4	W	6			0	9	cu	W	Cloudy			O.E.R.	24
25	80.0	29.223	.145	29.078	29.99	74.0	63.5	57	56	.465	76.5	65.0	NE	3			T	Few 1	Ci st Cu	W NW	Clear			O.E.R.	25
26	79.0	29.180	.142	29.038	29.95	74.7	65.7	61	63	.536	78.8	65.2	S	2			T	10	St	W	Cloudy			O.E.R.	26
27	80.0	29.145	.145	29.000	29.91	76.8	69.1	65	68	.616	80.8	65.8	SW	6			0	7	Ci st	W	Pt Cloudy			O.E.R.	27
28	81.5	28.851	.147	28.704	29.60	71.9	68.4	67	84	.661	86.0	66.4	W	12	31	SW	.42	9	Nb	W	Lt. Rain			O.E.R.	28
29	79.0	29.246	.142	29.104	30.02	67.0	61.5	58	73	.482	69.6	57.6	NW	8			0	Few	St	NW	Clear			P.McD.	29
30	75.0	29.280	.132	29.148	30.07	64.2	54.8	47	55	.322	69.4	61.0	NW	9			T	1 few	Ci. St cu.	NW NW	Clear			O.E.R.	30
31																									31
Sums		(a)	(a)	870.451	897.92	2069.5	1894.8	1790	2233	15.684	(a)	(a)	(a)	209	(a)	(a)	2.70	193	(a)	(a)	(a)	4	2	(a)	(a)
Means		(a)	(a)	29.015	29.931	69.0	63.2	59.7	74.4	.523	(a)	(a)	(c) E	7.0	(a)	(a)	(a)	6.4	Ci st U a st L Nb	U NW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1924

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
																					In.				In.	In.	In.	In.	
Sunday 1	57°	50°	7°	2°	54°				R	2:35a	4:50p										.25				0	0	0	0	1
2	69	44	25	2	56																0				0	0	0	0	2
3	61	49	12	1	55				R	DNa	1:30p	R	5:15p	6:10p							.16				0	0	0	0	3
4	68	45	23	1	56				R	DNa	DNa										.01				0	0	0	0	4
5	75	55	20	9	65				R	DNa	DNa	R	5:05p	DNp							.51				0	0	0	0	5
6	68	51	17	5	60																0				0	0	0	0	6
7	68	48	20	2	58				R	9:10p	DNp										T				0	0	0	0	7
8	66	49	17	0	58				R	DNa	DNa	R	6:30a	7:45a							.52				0	0	0	0	8
9	64	50	14	1	57				R	5:25a	8:30a										.67				0	0	0	0	9
10	76	54	22	8	65																0				0	0	0	0	10
11	77	58	19	3	68																0				0	0	0	0	11
12	79	57	22	0	68				R	4:35p	4:55p	R	6:25p	7:25							.05				0	0	0	0	12
13	82	63	19	4	72																0				0	0	0	0	13
14	78	60	18	3	69				R	1:24p	1:55p										.28				0	0	0	0	14
15	70	61	9	3	66				R	10:20a	3:30p	R	5:00p	7:15p							.34				0	0	0	0	15
16	64	58	6	5	61																0				0	0	0	0	16
17	80	54	26	6	67																0				0	0	0	0	17
18	76	61	15	1	68				R	12:30a	1:20a										.09				0	0	0	0	18
19	90	62	28	8	76																0				0	0	0	0	19
20	90	66	24	2	78				R	5:48p	9:00p										.56				0	0	0	0	20
21	79	67	12	5	73																0				0	0	0	0	21
22	83	63	20	0	73				R	4:45p	5:00p	R	6:15p	7:15p							.38				0	0	0	0	22
23	79	63	16	2	71				R	DNa	DNa										.05				0	0	0	0	23
24	81	66	15	3	74																0				0	0	0	0	24
25	76	62	14	5	69				R	DNa	DNa	R	11:00a	11:15a							1.35				0	0	0	0	25
26	79	62	17	1	70				R	10:50a	10:55a	R	7:30p	DNp							.04				0	0	0	0	26
27	81	63	18	2	72																0				0	0	0	0	27
28	86	66	20	4	76				R	6:12a	9:15a	R	2:57p	3:00p	R	5:10p	7:05p				.54				0	0	0	0	28
29	71	58	13	12	64																0				0	0	0	0	29
30	69	55	14	2	62				R	11:50a	11:55a										T				0	0	0	0	30
31																													31
S	2242	1720	522	102	1981		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	5.80		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	74.7	57.3	17.4	3.4	66.0	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF June, 1924

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.054	29.015	29.034	29.210	22	28.650	28	0.560	29.969	29.931	29.950	30.13	22	29.54	28	0.59
Corrected mean		29.030						Corrected mean		29.946					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
62.1	69.0	65.6	59.8	63.2	61.5	74.7	57.3	66.0	90	20	44	2	46	28	19	6	16

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)
58.3	59.7	59.0	87.9	74.4	81.2	.498	.523	.510

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	1	0	0

Clouds.

Most frequent clouds: a. St.

Most frequent direction upper clouds: W

Most frequent direction lower clouds: NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5110	7.1	SW	39	NW	22	4	10	8	2	7	12	7	10	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.1	6.4	6.9	3.8	1	14	15	0	5	11

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Fog. Dense.	Haze. Light.	Haze. Dense.	Smoke. Light.	Smoke. Dense.	Hail.	Aurora.
0	0	0	5, 8, 9, 14, 18, 20, 22, 23, 25, 28	0	6, 23	0	2, 3, 4, 10	2, 4	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.	Snow. Total depth. (o)	Snow. Average depth at end of month.
5.80	1.35	25	0			1.10	0 30	25	2	16	15	10	1	18	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.32, date 25; 10 minutes 0.60, date 25; 15 minutes 0.81, date 25;

30 minutes 1.10, date 25; 1 hour 1.19, date 25; 2 hours 1.29, date 25.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
25	D.N. a	D.N. a	1.35	~~1.10~~ a 1:03	1.35 a	~~0.21~~ 0.06	~~.25~~ .10	~~.57~~ .29	~~.81~~ .55	~~.90~~ .90	~~.97~~ 1.01	1.10	1.12							

* The duration is the time precipitation was actually recorded.

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Prepared by OER

P. M. Drought Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
28"	12 noon 00	11 a.m. 00	78.0	28.871	.137	28.734	29.62	78.2	70.0	66	12	67	78.2	S	18	28	SW	.37	7 Few	ci St cu	W S	Pt Cloudy	ordered by Chicago	OER.	28"
						Extremes of pressure.																			
						Highest																			
22	7 00 am	6 00 am				29.210	30.13	65.0																	22
						Lowest																			
28	6 15 p.m.	5 15 pm				28.650	29.54	83.0																	28

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1924

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	5	1			50	12	28	6			19	3			8	2			110	24
2					6	5			3	1	65	9	23	4	12	3	0	2	109	24
3	5	2	18	6	20	3	13	4	17	3	11	4	3	1	5	1			92	24
4	7	3					4	1	43	10	39	9	3	1					96	24
5							56	7	135	14	23	1	25	2					239	24
6	16	3									50	4	210	14	23	3			299	24
7	20	6	17	2	109	14	11	2											157	24
8	39	4	87	7	166	13													292	24
9			15	1	160	23													175	24
10	75	13	30	6	25	5													130	24
11	52	14	15	4									6	1	32	5			105	24
12			18	6	18	4	21	5	31	6	21	3							109	24
13	56	8	36	7					10	2	11	5			7	1	0	1	120	24
14			52	12	41	8	19	4											112	24
15	11	2	19	3	20	3	37	6	71	10									158	24
16	36	7	88	12			3	1			7	2	6	2					140	24
17							10	3	44	6	64	12	3	2			0	1	121	24
18			63	7	101	14			8	1					12	2			184	24
19					32	6	4	1	56	4	182	13							274	24
20	8	1							14	1	141	14	32	3	55	5			250	24
21	6	1									12	2	19	4	91	17			128	24
22			7	1			22	3	82	11	9	2	6	5	13	1	0	1	139	24
23									18	2	111	12	50	7	34	3			213	24
24	6	1	15	2	7	1	2	1	49	6	63	9	4	1	11	3			157	24
25	58	8	30	6	17	2			7	2			4	1	27	5			143	24
26							5	2	38	9	52	12			1	1			96	24
27							6	2	18	5	90	14	10	2	4	1			128	24
28									82	8	183	13	50	3					315	24
29											12	1	78	7	209	16			299	24
30											21	3	38	6	161	15			220	24
31																				
SUM.	400	74	510	82	772	113	241	48	726	101	1186	147	570	66	705	84	0	5	5110	720
PERCENTAGE	8	10	10	11	15	16	5	7	14	14	23	20	11	9	14	12	0	1	a	a
AVG. HOURLY VELOCITY	5.4	a	6.2	a	6.8	a	5.0	a	7.2	a	8.1	a	8.6	a	8.4	a	0	a	7.1	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of July, *1924*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry and Calhoun streets room 911-912 Tri-State Bldg; first observation taken in present office, 7:00 a.m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	73.5	29.364	.128	29.236	30.16	53.9	50.6	48	80	.334	64.2	51.1	NW	7			0	Few	a st	W	Clear		O.E.R.	1
2	72.5	29.432	.126	29.306	30.24	55.5	52.6	51	83	.373	63.4	51.5	E	6			0	1 6	ci st a cu	W E	Pt Cloudy		O.E.R.	2
3	71.0	29.457	.122	29.335	30.27	57.2	54.0	52	82	.387	61.0	51.6	NE	3			0	1	a st	W	Clear		O.E.R.	3
4	71.0	29.437	.122	29.315	30.25	60.8	55.3	52	71	.387	66.2	53.6	N	5			0	2	ci cu	SW	Clear		O.E.R.	4
5	72.5	29.424	.126	29.298	30.23	61.0	55.0	51	68	.373	71.0	55.1	E	5			0	2	a st	SW	Clear		O.E.R.	5
6	75.0	29.420	.133	29.287	30.21	62.9	59.7	58	83	.482	75.0	61.5	E	2			T	10	st	SE	Cloudy		O.E.R.	6
7	75.5	29.336	.133	29.203	30.12	62.2	61.2	60	94	.517	70.1	62.2	N	6			.46	10	Nb	W	Lt. Rain		O.E.R.	7
8	74.5	29.355	.130	29.225	30.14	63.9	60.4	58	82	.482	70.4	58.6	SW	4			0	1	a st	W	Clear		O.E.R.	8
9	75.0	29.247	.132	29.115	30.03	69.0	62.7	59	71	.499	73.3	66.6	SW	8			0	9	st	SW	Cloudy		O.E.R.	9
10	75.0	29.290	.132	29.158	30.08	65.5	60.7	58	76	.482	73.0	61.6	NW	8			.16	0	0	0	Clear		O.E.R.	10
11	77.0	29.338	.137	29.201	30.12	68.2	62.0	58	71	.482	76.3	60.8	W	3			0	Few	a st	W	Clear		O.E.R.	11
12	79.0	29.099	.141	28.958	29.86	69.1	63.7	60	75	.517	78.0	65.6	S	10			0	Few 5	ci st a cu	W SW	Pt Cloudy		O.E.R.	12
13	79.0	29.132	.142	28.990	29.90	70.3	63.0	59	67	.499	74.3	67.6	NW	8			0	1	ci st	W	Clear		O.E.R.	13
14	78.5	29.291	.141	29.150	30.07	62.3	57.4	54	75	.417	70.9	61.8	E	6			0	10	st	W	Cloudy		O.E.R.	14
15	78.0	29.281	.140	29.141	30.05	66.0	59.5	55	68	.432	73.0	59.8	NE	1			0	0	0	0	Clear		O.E.R.	15
16	79.0	29.129	.142	28.987	29.90	66.6	60.1	56	69	.448	77.8	60.6	SW	7			0	1 2	ci st a st	NW W	Clear		O.E.R.	16
17	80.5	29.220	.146	29.074	29.98	58.2	49.6	42	54	.266	81.0	58.0	N	10			0	1	st cu	NW	Clear		O.E.R.	17
18	78.5	29.335	.141	29.194	30.11	56.1	52.2	49	77	.347	71.0	52.9	NE	7			0	Few	a st	W	Clear		O.E.R.	18
19	76.5	29.289	.136	29.153	30.07	60.1	54.6	50	71	.360	70.2	54.5	SE	6			0	1	a st	W	Clear		O.E.R.	19
20	76.5	29.245	.135	29.110	30.02	66.8	61.1	57	72	.465	73.4	62.4	SE	4			0	9	st	S	Cloudy		O.E.R.	20
21	80.5	29.240	.146	29.094	29.99	72.9	68.8	67	82	.661	84.0	70.9	S	1			T	9	st	SW	Cloudy		O.E.R.	21
22	84.0	29.146	.155	28.991	29.88	77.0	72.9	71	88	.757	81.0	75.5	W	12			0	8 2	cu cu Nb	W W	Cloudy		O.E.R.	22
23	82.5	29.347	.152	29.195	30.11	68.9	62.1	58	69	.482	79.0	62.9	SW	6			0	0	0	0	Clear		O.E.R.	23
24	82.0	29.158	.150	29.008	29.90	72.7	64.2	60	63	.517	85.0	68.9	SW	11			0	9	a st	W	Cloudy		O.E.R.	24
25	81.0	29.160	.147	29.013	29.92	62.2	58.7	56	81	.448	76.3	60.5	NW	8	26	NW	.13	9	st cu	NW	Cloudy		O.E.R.	25
26	77.5	29.283	.138	29.145	30.06	59.2	54.6	51	75	.373	70.6	54.3	NW	4			0	Few	a st	W	Clear		O.E.R.	26
27	77.5	29.298	.138	29.160	30.08	67.1	60.0	56	67	.448	76.9	63.0	S	9			0	Few	cu	S	Clear		O.E.R.	27
28	79.5	29.291	.144	29.147	30.06	71.1	66.9	65	81	.616	77.8	64.1	SW	10			.18	2 Few	ci st st cu	W SW	Clear		O.E.R.	28
29	82.0	29.331	.150	29.181	30.09	73.1	66.6	63	71	.575	80.0	67.9	SW	6			0	1	ci st	N	Clear		O.E.R.	29
30	84.0	29.278	.156	29.122	30.02	71.3	68.1	67	85	.661	84.0	69.8	S	2			0	10	st	SW	Cloudy		O.E.R.	30
31	82.0	29.156	.150	29.006	29.91	73.8	71.3	70	89	.732	79.4	71.1	W	9			0	10 5	st Lt. fog	W W	Cloudy		O.E.R.	31
Sums		(a)	(a)	903.498	931.83	2024.9	1869.6	1771	2335	14819	(a)	(a)	(a)	194	(a)	(a)	0.93	132	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.145	30.059	65.3	60.3	57.1	75.3	.478	(a)	(a)	(c) SW	6.3	(a)	(a)	(a)	43	U a st. L st.	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.5	29.378	.131	29.247	30.17	63.4	56.4	51	65	.373	68.3	53.9	NW	10			0	3	cu	NW	Clear			P.M.D.	1
2	73.5	29.444	.129	29.315	30.25	61.0	55.0	51	68	.373	68.6	55.5	SE	3			-.12	1 2	acu cu	W SE	Clear			P.M.D.	2
3	72.0	29.392	.125	29.267	30.20	66.2	57.2	51	58	.373	72.2	57.2	E	5			0	7	cu	E	Pt Cloudy			P.M.D.	3
4	74.0	29.373	.129	29.244	30.17	71.0	58.7	50	48	.360	74.4	60.8	NE	7			0	Few	cu	N	Clear			O.E.R.	4
5	76.5	29.371	.136	29.235	30.16	75.0	61.0	52	44	.387	77.3	61.0	E	4			0	1 1	ci acu	NW W	Clear			P.M.D.	5
6	76.0	29.324	.134	29.190	30.11	70.1	65.3	62	78	.555	76.0	62.9	E	7			T	10	ast	SW	Cloudy			O.E.R.	6
7	76.0	29.300	.134	29.166	30.09	70.4	64.4	61	72	.536	76.4	62.2	S	3			.09	7	ast	W	Pt Cloudy			P.M.D.	7
8	76.0	29.304	.134	29.170	30.09	73.3	65.3	61	65	.536	78.0	63.9	SW	9			0	8	ast	W	Cloudy			P.M.D.	8
9	77.0	29.118	.136	28.982	29.89	73.0	68.4	66	80	.638	82.8	69.0	SW	9	26	SW	T	10	Nb	SW	Lt Rain			P.M.D.	9
10	78.5	29.292	.141	29.151	30.06	76.3	64.4	58	52	.482	80.0	65.5	N	4			0	1 3	cu ci	NW W	Clear			P.M.D.	10
11	80.5	29.187	.146	29.041	29.94	78.0	67.0	61	57	.536	82.9	68.2	S	6			0	3	cist	W	Pt Cloudy			P.M.D.	11
12	80.0	29.038	.144	28.894	29.80	74.3	69.3	67	78	.661	82.7	69.1	SW	9			T	9	cu	W	Cloudy			P.M.D.	12
13	79.5	29.230	.143	29.087	30.00	70.9	59.6	52	52	.387	80.6	70.3	NW	6			0	4	ast	NW	Pt Cloudy			O.E.R.	13
14	79.5	29.242	.143	29.099	30.01	73.0	62.6	56	56	.448	76.2	62.3	E	3			0	2	cu	E	Clear			P.M.D.	14
15	81.0	29.200	.147	29.053	29.96	77.8	63.8	56	46	.448	81.6	66.0	W	7			0	0	0	0	Clear			P.M.D.	15
16	83.5	29.041	.153	28.888	29.79	81.0	68.0	61	52	.536	85.6	66.6	SW	9			0	1	ast	NW	Clear			P.M.D.	16
17	79.0	29.248	.142	29.106	30.03	71.0	58.0	49	45	.347	72.8	58.2	N	6			0	0	0	0	Clear			P.M.D.	17
18	78.0	29.240	.139	29.101	30.02	70.2	57.2	47	44	.322	74.7	56.1	N	3			0	4 2	cicu ast	W W	Pt Cloudy			P.M.D.	18
19	78.0	29.190	.139	29.051	29.97	73.4	60.9	53	48	.402	80.0	60.1	E	7			0	8	stcu	E	Cloudy			P.M.D.	19
20	81.5	29.199	.149	29.050	29.96	84.0	72.8	68	58	.684	87.5	66.8	S	3			0	1 7	ci cu cu	W SW	Cloudy			O.E.R.	20
21	85.5	29.172	.159	29.013	29.91	81.0	74.0	71	72	.757	89.0	72.9	SW	12			.01	2 1	cist cu	W SW	Clear			P.M.D.	21
22	85.0	29.262	.158	29.104	30.00	79.0	67.0	61	54	.536	84.6	73.6	NW	8			.05	0	0	0	Clear			P.M.D.	22
23	85.0	29.264	.158	29.106	30.02	85.0	70.0	63	48	.575	88.9	68.9	W	4			0	0	0	0	Clear			P.M.D.	23
24	82.5	28.984	.150	28.834	29.72	76.3	68.9	66	69	.638	82.2	72.7	SW	7			0	9	stcu	SW	Cloudy			P.M.D.	24
25	79.0	29.184	.142	29.042	29.96	70.6	59.1	51	51	.373	75.0	62.2	NW	8			0	1	cu	NW	Clear			P.M.D.	25
26	79.0	29.270	.142	29.128	30.04	76.9	62.8	54	46	.417	80.0	59.2	N	2			0	1 Few	ast cu	W N	Clear			P.M.D.	26
27	81.5	29.210	.149	29.061	29.97	77.8	68.2	64	61	.595	85.8	67.1	SW	12			T	3 3	ast cu	SW SW	Pt Cloudy			O.E.R.	27
28	84.0	29.294	.156	29.138	30.05	80.0	69.0	64	57	.595	88.0	71.1	S	14			T	4	cu	SW	Pt Cloudy			P.M.D.	28
29	86.0	29.246	.160	29.086	29.99	84.0	71.6	66	55	.638	89.6	73.1	SW	7			0	8	ast	W	Cloudy			P.M.D.	29
30	84.0	29.180	.155	29.025	29.92	79.4	71.4	68	68	.684	82.4	71.3	SE	3			T	8	stcu	W	Cloudy			P.M.D.	30
31	80.0	29.230	.145	29.085	29.99	72.0	65.3	62	70	.555	76.7	71.0	N	6			T	8	stcu	N	Cloudy	B 6:30a E 8:00a		P.M.D.	31
Sums		(a)	(a)	901.959	930.24	2315.3	2002.6	1823	1817	15.747	(a)	(a)	(a)	203	(a)	(a)	.027	143	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.095	30.008	74.7	64.6	58.8	58.6	.508	(a)	(a)	(c) SW	6.5	(a)	(a)	(a)	4.6	U cu.st L cu	U W L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1924

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	68	51	17	2	60																0				0	0	0	0	1
2	69	52	17	0	60				R	12:45p	1:05p	R+H	1:05p	1:15p.	R	1:15p	4:10p				.12				T	0	0	0	2
3	72	52	20	2	62																0				0	0	0	0	3
4	74	54	20	2	64																0				0	0	0	0	4
5	77	55	22	2	66																0				0	0	0	0	5
6	76	62	14	3	69				R	6:10a	6:30a	R	6:55a	7:15a	R	DNp	DNp				T				0	0	0	0	6
7	76	61	15	1	68				R	DNa	7:55a	R	2:30p	3:30p							.55				0	0	0	0	7
8	78	59	19	0	68																0				0	0	0	0	8
9	83	65	18	6	74				R	7:25a	8:10a	R	1:20p	2:30p	R	5:40p	DNp				.16				0	0	0	0	9
10	80	62	18	3	71																0				0	0	0	0	10
11	83	61	22	1	72																0				0	0	0	0	11
12	83	66	17	2	74				R	1:15p	1:40p										T				0	0	0	0	12
13	81	66	15	0	74																0				0	0	0	0	13
14	75	62	13	6	68																0				0	0	0	0	14
15	82	60	22	3	71																0				0	0	0	0	15
16	86	61	25	3	74																0				0	0	0	0	16
17	74	58	16	8	66																0				0	0	0	0	17
18	75	53	22	2	64																0				0	0	0	0	18
19	80	54	26	3	67																0				0	0	0	0	19
20	88	62	26	8	75				R	DNp.	DNp.										T				0	0	0	0	20
21	89	71	18	5	80				R	7:28a	7:35a										.01				0	0	0	0	21
22	85	68	17	4	76				R	6:53a	7:25a										.05				0	0	0	0	22
23	89	63	26	0	76																0				0	0	0	0	23
24	82	62	20	4	72				R	7:05p	7:40p										.13				0	0	0	0	24
25	75	60	15	4	68																0				0	0	0	0	25
26	80	54	26	1	67																0				0	0	0	0	26
27	86	63	23	7	74				R	2:40p	2:45p	R	9:20p	Cont'd							.18				0	0	0	0	27
28	88	64	24	2	76				R	Cont'd	DNa.	R	4:35p	5:10p							T				0	0	0	0	28
29	90	68	22	3	79																0				0	0	0	0	29
30	82	70	12	3	76				R	12:05p	12:20p										T				0	0	0	0	30
31	77	65	12	5	71				R	7:25a	7:50a										T				0	0	0	0	31
S	2483	1884	599	95	2182		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.20		Total excess or deficiency since January 1,		T	0	(a)	(a)	(a)
M	80.1	60.8	19.3	3.1	70.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF July, 1924

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean = .022.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
29.145	29.095	29.120	29.360	3	28.834	24	0.526	30.059	30.008	30.034	30.29	3	29.72	24	0.57
Corrected mean		29.117						Corrected mean		30.031					

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
65.3	74.7	70.0	60.3	64.6	62.4	80.1	60.8	70.4	90	29	51	1	39	26	23	12	31

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a.m.	Relative Humidity. 8 p.m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a.m.	Vapor Pressure. 8 p.m.	Vapor Pressure. Monthly. (g)
57.1	58.8	58.0	75.3	58.6	67.0	.478	.508	.493

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	0	0	0

Clouds.

Most frequent clouds: Cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: SW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5230	7.0	SW	26	NW	24	8	4	9	4	8	15	5	9	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.3	4.6	4.9	62	10	13	8	1	3	3

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	2, 7, 20, 27, 28.	0	0	0	31	0	0	0	0	0	2	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.20	0.55	7	0			0			6	7	6	1	0	13	0	0	0	0

(w) Maximum precipitation in 5 minutes .08, date 27"; 10 minutes .13, date 7"; 15 minutes .18, date 7";

30 minutes .32, date 7"; 1 hour .39, date 7"; 2 hours .46, date 7".

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None																				

* The duration is the time precipitation was actually recorded.

8—154

Prepared by O. E. Russell

P. McDonough, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1924

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
						Maximum Pressure																			
3	9 30 am.	8 30 am.				29.360	30.29	64.0																	3

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1924

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	39	6											30	3	108	15			177	24
2	35	8	21	4	27	5	10	3	15	2					20	2			128	24
3	37	8	54	9	22	4							4	1	8	2			125	24
4	33	7	104	16											4	1			141	24
5	43	10	29	6	28	8													100	24
6			100	15	45	9													145	24
7	10	4	22	5	8	2	9	2	16	4	18	4	4	1	18	2			105	24
8									45	12	67	9	20	3					132	24
9									55	5	195	15	37	4					287	24
10	13	6											49	7	121	11			183	24
11									45	7	73	9	23	8					141	24
12									40	7	116	13	17	2	18	2			191	24
13	19	5									9	1	25	4	165	14			218	24
14	19	4	58	10	32	10													109	24
15			10	5	5	3							39	6	49	10			103	24
16											213	22	21	2					234	24
17	184	21	30	3															214	24
18	65	11	61	10	5	1									15	2			146	24
19					98	15	48	8	5	1									151	24
20					14	3	15	4	61	12	35	5							125	24
21									32	6	145	16	14	2					191	24
22											75	7	20	2	142	15			237	24
23	10	2									27	5	39	8	53	9			129	24
24	22	2									133	14	59	6	19	2			233	24
25	10	1													212	23			222	24
26	25	6					6	2	4	1			4	1	70	14			109	24
27			4	1					127	13	117	10							248	24
28					4	1	5	1	57	8	119	11	24	3					209	24
29									11	2	166	21	11	1					188	24
30			14	4	8	2	6	2	35	9	32	4			20	3			115	24
31	75	9	27	4							39	5	14	2	39	4			194	24
SUM.	639	110	534	92	296	63	99	22	548	89	1579	171	454	66	1081	131	0	0	5230	744
PERCENTAGE	12	15	10	12	6	8	2	3	10	12	30	23	9	9	21	18	0	0	a	a
AVG. HOURLY VELOCITY	5.8	a	5.8	a	4.7	a	4.5	a	6.2	a	9.2	a	6.9	a	8.3	a	0	a	7.0	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of August, *1924.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry & Calhoun streets rooms 911-12 Tri-State Bldg; first observation taken in present office, 7:00 a.m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1924.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	78.5	29.337	.141	29.196	30.12	57.1	53.8	52	81	.387	72.0	55.1	E	6			0	8	st cu	NW	Cloudy		O.E.R.	1
2	76.0	29.367	.134	29.233	30.15	59.8	53.3	48	65	.334	67.3	58.0	SE	7			0	9 1	a st st	SW SW	Cloudy		O.E.R.	2
3	76.5	29.322	.136	29.186	30.11	62.5	57.5	54	74	.417	75.0	57.0	SE	3			0	0	0	0	Clear		P.McD.	3
4	79.0	29.240	.142	29.098	30.00	76.0	71.0	69	78	.707	83.0	70.2	SW	10			0	2 6	a st st cu	W SW	Cloudy		P.McD.	4
5	82.5	29.214	.151	29.063	29.97	74.0	70.5	69	84	.707	78.5	71.0	S	5			.02	7	a cu	W	Pt Cloudy		P.McD.	5
6	84.5	29.100	.156	28.944	29.83	76.0	70.3	68	75	.684	88.0	71.7	SW	11			0	1	a st	W	Clear		P.McD.	6
7	83.5	29.160	.154	29.006	29.91	66.7	64.7	64	90	.595	79.1	64.3	NW	9			.08	7	st cu	NW	Pt Cloudy		P.McD.	7
8	82.0	29.200	.150	29.050	29.96	70.0	65.0	62	77	.555	77.7	65.6	SW	6			0	2	a st	NW	Clear		P.McD.	8
9	80.0	29.180	.145	29.035	29.95	66.7	63.7	62	85	.556	75.1	63.4	NE	4			1.09	8	ci st	W	Cloudy		P.McD.	9
10	77.5	29.356	.138	29.218	30.14	60.0	56.0	53	78	.402	75.5	57.4	NE	8			0	1	cu	NE	Clear		P.McD.	10
11	78.0	29.332	.140	29.192	30.11	61.6	58.1	56	81	.448	71.0	61.6	SE	1			0	10	st cu	SE	Cloudy		P.McD.	11
12	75.0	29.314	.132	29.182	30.10	58.0	55.0	53	83	.402	64.9	53.4	NW	5			0	0	0	0	Clear		P.McD.	12
13	75.0	29.274	.132	29.142	30.06	62.0	60.0	59	89	.499	69.5	61.4	W	4			.04	9	st cu	NW	Cloudy		P.McD.	13
14	73.5	29.420	.129	29.291	30.22	56.4	51.8	48	73	.334	65.7	50.9	NE	5			0	0	0	0	Clear		P.McD.	14
15	73.0	29.304	.126	29.178	30.10	60.8	54.8	51	68	.373	69.7	56.9	S	9			0	5	ci st	NW	Pt Cloudy		P.McD.	15
16	75.5	29.144	.133	29.011	29.92	67.0	62.5	60	78	.517	74.7	66.4	SW	13			T	10	st cu	SW	Cloudy		P.McD.	16
17	73.0	29.294	.126	29.168	30.09	55.9	52.0	49	77	.347	66.4	50.0	N	4			0	0	0	0	Clear		P.McD.	17
18	73.0	29.412	.127	29.285	30.21	55.7	50.7	47	71	.322	65.0	50.9	E	8			0	0	0	0	Clear		P.McD.	18
19	72.5	29.292	.125	29.167	30.09	60.3	55.3	51	73	.373	68.8	58.9	SE	4			T	10	st	SE	Cloudy		P.McD.	19
20	72.0	29.140	.124	29.016	29.93	69.0	67.0	66	90	.638	70.0	64.0	NW	3			T	10	st cu	NW	Cloudy		P.McD.	20
21	76.0	29.280	.134	29.146	30.06	71.0	69.1	68	91	.684	79.6	70.2	E	6			T	10	st cu	E	Cloudy		P.McD.	21
22	82.0	29.206	.150	29.056	29.95	77.8	73.3	72	81	.783	86.0	72.4	W	6			0	8	cu	W	Cloudy		P.McD.	22
23	82.0	29.272	.150	29.122	30.03	70.3	67.3	66	86	.638	74.0	65.0	0	0			0	1	cu	W	Clear		P.McD.	23
24	82.5	29.160	.151	29.009	29.91	70.0	63.0	59	68	.499	78.0	61.6	NE	1			0	1 1	a st cu	W NE	Clear		P.McD.	24
25	79.0	29.156	.142	29.014	29.93	64.3	59.8	57	77	.465	69.5	59.0	N	5			0	0	0	0	Clear		P.McD.	25
26	79.0	29.176	.142	29.034	29.94	64.0	58.0	54	70	.417	73.8	57.6	SE	3			0	3	ci st	W	Clear		P.McD.	26
27	80.0	29.122	.144	28.978	29.88	71.9	69.0	68	87	.684	78.2	68.4	SW	13			0	0	0	0	Clear		P.McD.	27
28	81.0	29.342	.148	29.194	30.11	62.0	57.5	55	77	.432	73.0	57.0	N	3			0	0	0	0	Clear		P.McD.	28
29	80.0	29.412	.146	29.266	30.19	67.0	61.0	57	71	.465	75.6	58.9	SE	1			0	0	0	0	Clear		P.McD.	29
30	82.0	29.280	.150	29.130	30.04	68.0	61.8	58	71	.482	80.0	63.0	S	6			0	0	0	0	Clear		P.McD.	30
31	82.5	29.227	.151	29.076	29.99	72.7	65.7	62	69	.555	82.0	70.2	SW	8			0	2	ci st	W	Clear		P.McD.	31
Sums		(a)	(a)	902.686	931.00	20345	18985	1817	2418	15.700	(a)	(a)	(a)	177	(a)	(a)	1.23	132	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.119	30.032	65.6	61.2	58.6	78.0	.606	(a)	(a)	(c) SE SW	5.7	(a)	(a)	(a)	4.3	U a. st L st. cu	U W L NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1924.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.5	29.324	.138	29.186	30.11	67.3	58.8	53	60	.402	75.5	57.1	E	8			0	5	a st	W	Pt Cloudy			O.E.R.	1
2	78.0	29.280	.140	29.140	30.06	75.0	63.3	57	52	.465	77.9	59.8	E	5			0	7	a. St	NW	Pt. Cloudy			P.McD.	2
3	80.0	29.234	.145	29.089	30.00	83.0	68.0	60	46	.517	87.4	62.5	S	8			0	1, 1	ci st, a st	NW, NW	Clear			P.McD.	3
4	83.5	29.262	.154	29.108	30.02	78.5	72.5	70	75	.732	93.6	76.0	SW	14	26	W	.16	10	Nb	W	Lt. Rain			O.E.R.	4
5	88.0	29.125	.165	28.960	29.85	88.0	73.0	66	49	.638	92.5	74.0	SW	7			0	4, 3	a st, cu	W, SW	Pt Cloudy			O.E.R.	5
6	82.5	29.004	.150	28.854	29.74	79.1	72.1	69	71	.707	92.7	76.0	SW	8	28	SW	.04	10	St	W	Cloudy			O.E.R.	6
7	83.0	29.153	.152	29.001	29.91	77.7	65.2	58	51	.482	82.3	66.7	W	5			0	1	a st	W	Clear			O.E.R.	7
8	81.5	29.150	.149	29.001	29.90	75.1	69.4	67	75	.661	84.5	64.8	SW	8	33	W	.13	10	Nb	W	Lt. Rain			O.E.R.	8
9	79.5	29.229	.143	29.086	30.00	75.5	69.3	66	73	.638	79.2	66.7	W	5			0	2, 2	a st, st	W, NW	Pt Cloudy			O.E.R.	9
10	82.0	29.326	.150	29.176	30.10	71.0	61.0	55	56	.432	74.4	60.0	NE	2			0	1, 1	ci st, a st	W, W	Clear			P.McD.	10
11	75.5	29.257	.133	29.124	30.04	64.9	61.2	59	81	.499	68.3	61.0	SW	5			0	9	St	SW	Cloudy			O.E.R.	11
12	76.0	29.251	.134	29.117	30.04	69.5	62.5	58	68	.482	78.8	58.0	SW	5			T	1, 3	a st, a cu	W, W	Pt Cloudy			O.E.R.	12
13	77.0	29.325	.137	29.188	30.11	65.7	57.0	51	59	.373	73.2	61.1	N	5			.06	Few	cu	N	Clear			O.E.R.	13
14	77.0	29.341	.137	29.204	30.12	69.7	58.2	50	50	.360	73.8	56.4	S	4			0	1	a st	W	Clear			O.E.R.	14
15	75.5	29.201	.133	29.068	29.98	74.7	63.2	56	53	.448	81.0	60.8	S	5			0	10	St	SW	Cloudy			O.E.R.	15
16	75.0	29.171	.132	29.039	29.96	66.4	63.5	62	85	.555	73.7	63.5	NW	9			.01	10	St	NW	Cloudy			O.E.R.	16
17	78.0	29.304	.140	29.164	30.08	65.0	56.8	51	61	.373	71.0	55.9	N	7			0	Few	St	N	Clear			P.McD.	17
18	73.0	29.347	.126	29.221	30.14	68.8	56.3	47	45	.322	73.3	55.7	E	4			0	10	St	W	Cloudy			O.E.R.	18
19	72.5	29.086	.124	28.962	29.88	66.7	63.5	62	84	.555	70.7	60.3	SE	4			.09	9	a cu	NW	Cloudy			O.E.R.	19
20	77.0	29.211	.137	29.074	29.98	79.6	72.8	70	72	.732	84.0	69.0	NW	4			0	10	St	NW	Cloudy			O.E.R.	20
21	82.5	29.184	.151	29.033	29.92	86.0	77.2	74	68	.838	90.6	69.8	SE	5			0	1, 2	a st, cu	W, S	Clear			O.E.R.	21
22	82.5	29.198	.151	29.047	29.95	74.0	69.0	67	78	.661	91.2	73.3	SW	5			0	5, 3	a st, cu	W, W	Cloudy			O.E.R.	22
23	84.0	29.207	.155	29.052	29.96	78.0	66.2	59	54	.499	86.0	70.3	NW	6			0	2, Few	a st, cu	SW, NW	Clear			O.E.R.	23
24	81.0	29.108	.147	28.961	29.87	69.5	65.4	63	81	.575	78.6	69.5	NW	4			.01	6, 2	a st, cu	W, NW	Cloudy			P.McD.	24
25	80.0	29.144	.145	28.999	29.91	73.8	60.5	52	46	.387	80.4	64.3	N	6			0	2	a st	NW	Clear			O.E.R.	25
26	81.0	29.116	.147	28.969	29.88	78.2	69.4	66	65	.638	84.7	64.0	SW	10			0	4	St cu	SW	Pt Cloudy			O.E.R.	26
27	82.5	29.200	.151	29.049	29.96	73.0	59.8	51	46	.373	91.2	71.9	NW	9			0	1	cu	W	Clear			O.E.R.	27
28	81.0	29.353	.148	29.205	30.12	75.6	62.7	55	48	.432	80.7	62.0	N	3			0	0	0	0	Clear			O.E.R.	28
29	83.5	29.304	.154	29.150	30.06	80.0	67.0	60	51	.517	85.6	67.0	S	1			0	2	Lt Smoke	S	Clear			P.McD.	29
30	86.5	29.191	.162	29.029	29.93	82.0	69.1	63	52	.575	90.8	68.0	SW	7			0	Few	St	SW	Clear			P.McD.	30
31	86.0	29.186	.160	29.026	29.92	83.0	75.0	72	70	.783	93.2	72.7	N	6			0	10	Strcu	N	Cloudy			P.McD.	31
Sums		(a)	(a)	901.282	929.50	2314.3	2028.9	1869	1925	16.657	(a)	(a)	(a)	184	(a)	(a)	0.50	159	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.074	29.984	74.7	65.4	60.3	62.1	.537	(a)	(a)	(c) SW	5.9	(a)	(a)	(a)	5.1	U a st, L St	U W, L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1924

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	76	55	21	5	66																0				0	0	0	0	1
2	78	58	20	2	68																0				0	0	0	0	2
3	87	57	30	4	72																0				0	0	0	0	3
4	94	70	24	10	82				R	4:07p	4:25p	R	6:20p	7:05p							.18				0	0	0	0	4
5	92	71	21	0	82																0				0	0	0	0	5
6	93	69	24	1	81				R	2:03p	3:20p	R	4:20p	4:35p	R	9:30p	DNp				.12				0	0	0	0	6
7	82	64	18	8	73																0				0	0	0	0	7
8	84	65	19	1	74				R	1:25p	2:25p	R	6:40p	Cont'd							.61				0	0	0	0	8
9	79	63	16	3	71				R	Cont'd	DNa										.61				0	0	0	0	9
10	74	57	17	5	66																0				0	0	0	0	10
11	68	61	7	2	64																0				0	0	0	0	11
12	79	53	26	2	66				R	5:12p	5:17p										T				0	0	0	0	12
13	73	55	18	2	64				R	DNa	6:15a	R	9:40a	10:25a	R	12:30p	12:55p				.10				0	0	0	0	13
14	74	51	23	2	62																0				0	0	0	0	14
15	81	57	24	7	69																0				0	0	0	0	15
16	74	58	16	3	66				R	DNa	DNa	R	6:50a	8:15a	R	2:30p	2:40p				.01				0	0	0	0	16
17	71	50	21	6	60																0				0	0	0	0	17
18	73	51	22	2	62				R	7:20p	7:56p										T				0	0	0	0	18
19	71	59	12	3	65				R	2:33p	3:15p										.09				0	0	0	0	19
20	84	64	20	9	74				R	2:57a	DNa	R	9:00p	DNp							T				0	0	0	0	20
21	91	70	21	6	80																0				0	0	0	0	21
22	91	71	20	1	81																0				0	0	0	0	22
23	86	65	21	5	76																0				0	0	0	0	23
24	79	62	17	6	70				R	12:40p	3:45p										.01				0	0	0	0	24
25	80	59	21	0	70																0				0	0	0	0	25
26	85	58	27	2	72																0				0	0	0	0	26
27	91	62	29	4	76																0				0	0	0	0	27
28	81	57	24	7	69																0				0	0	0	0	28
29	86	59	27	3	72																0				0	0	0	0	29
30	91	63	28	5	77																0				0	0	0	0	30
31	93	68	25	3	80				R	8:00p	Cont'd										.49				0	0	0	0	31
S	2541	1882	659	119	2210		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.22		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	82.0	60.7	21.3	3.8	71.3	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF August, 1924.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
29.119	29.074	29.096	29.300	18	28.830	6	0.470	30.032	29.984	30.008	30.23	18	29.72	6	0.51
Corrected mean		29.092						Corrected mean		30.004					

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
65.6	74.7	70.2	61.2	65.4	63.3	82.0	60.7	71.4	94	4	50	17	44	30	3	7	11

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative humidity. 8 a.m.	Relative humidity. 8 p.m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a.m.	Vapor pressure. 8 p.m.	Vapor pressure. Monthly. (g)
58.6	60.3	59.4	78.0	62.1	70.0	.506	.537	.522

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	8	0	0

CLOUDS.

Most frequent clouds: A.St

Most frequent direction upper clouds: West

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5204	7.0	SW	33	W	8	8	5	6	8	7	15	4	8	1

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.3	5.1	5.0	65	12	14	5	0	5	4

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	4, 6, 8, 9, 19, 20, 22, 31.	0	18, 24	0	0	0	0	0	29	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.22	1.22	8-9	0			0			3	9	7	3	0	12	0	0	0	0

(w) Maximum precipitation in 5 minutes .15, date 31; 10 minutes .24, date 31; 15 minutes .27, date 31; 30 minutes .29, date 31; 1 hour .38, date 31; 2 hours .49, date 8-9.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None																				

* The duration is the time precipitation was actually recorded.

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Prepared by O.E.R.

O.E. Russell, Observer, Weather Bureau.
In charge temporarily.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1924.

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
						EXTEMES OF PRESSURE.																			
							Highest.																		
18"	10:00 am	9:00 am				29.300	30.23	62.0																	18"
							Lowest.																		
6"	3:00 pm	2:00 pm				28.830	29.72	91.0																	6"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1924

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	10	2	75	9	75	12	5	1											165	24
2					74	11	93	13											167	24
3					33	6	21	4	111	13	6	1							171	24
4	24	4	9	3	2	1	16	2	52	6	89	8							2	24
5			6	3			5	1	21	3	174	16			10	1			216	24
6									9	1	207	15	33	5	12	3			261	24
7	9	3											98	10	70	11			177	24
8									21	2	159	18	45	4					225	24
9			7	2					34	3	32	5	33	5	73	9			179	24
10	31	4	100	17											18	2	0	1	149	24
11			2	1	10	3	10	4	80	8	30	7	5	1					137	24
12	8	2									34	5	67	10	36	7			145	24
13	85	11									8	1	44	7	28	5			165	24
14	10	2	25	5	16	3	32	6	26	6	6	1	4	1					119	24
15							26	4	88	12	89	8							203	24
16									29	4	99	10	15	2	68	8			211	24
17	89	16													83	8			172	24
18	4	1	40	9	37	9	25	3											104	24
19			16	2	20	4	66	14	13	2	8	1			6	1			129	24
20	20	5	1	1					25	3	17	3	60	6	29	6			152	24
21			4	1	68	13	24	4	28	5	6	1							130	24
22	10	2			2	1			50	5	70	7	28	4	26	5			186	24
23	12	3									11	6	26	4	64	10	0	1	113	24
24	3	2	7	4					3	1	17	3			55	13	0	1	85	24
25	124	16	23	4											18	4			165	24
26			9	5			3	1	7	1	178	16					0	1	197	24
27											113	11	25	2	125	11			263	24
28	101	22													12	2			113	24
29							29	11	28	7	6	1					0	5	63	24
30							2	2	28	6	159	16							189	24
31	13	2							6	1	211	18	4	1	27	2			261	24
SUM.	553	97	324	66	337	63	355	72	659	89	1729	178	487	62	760	108	0	9	5204	744
PERCENTAGE	11	13	6	9	6	8	7	10	13	12	33	24	9	8	15	15	0	1	a	a
AVG. HOURLY VELOCITY	5.7	a	4.9	a	5.3	a	4.9	a	7.4	a	9.8	a	7.9	a	7.0	a	0	a	7.0	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of September, *1924.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, 20330 from 16th; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 a.m. station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry + Calhoun streets room 911-912 Tri-State Bldg; first observation taken in present office, 7:00 a.m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1924

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	83.0	29.265	.153	29.112	30.02	67.0	65.5	65	92	.616	83.0	62.5	NE	1			.60	10	St	W	Cloudy		OER	1
2	78.5	29.223	.141	29.082	30.00	55.0	53.3	52	90	.387	74.3	53.5	N	8			.56	10	St	N	Cloudy		OER	2
3	74.5	29.386	.131	29.255	30.19	55.3	51.6	49	78	.347	62.4	50.6	N	4			0	Few	St cu	N	Clear		OER	3
4	73.0	29.293	.126	29.167	30.09	56.4	52.2	49	76	.347	66.0	52.6	S	6			0	Few	St cu	SE	Clear		OER	4
5	70.5	29.201	.120	29.081	30.00	53.0	48.5	44	73	.287	63.1	50.0	N	8			.01	Few	cu	N	Clear		OER	5
6	68.5	29.309	.115	29.194	30.12	46.6	43.9	41	81	.256	56.8	42.7	NW	3			0	1	a St	NW	Clear		OER	6
7	67.5	29.271	.112	29.159	30.09	52.7	50.0	47	84	.322	60.3	52.0	SE	1			.01	10	St	W	Cloudy		OER	7
8	65.5	29.983	.106	28.877	29.80	61.0	58.7	57	87	.465	61.0	54.9	S	12			.29	10	Nb	SW	Lt. Rain		OER	8
9	65.5	29.212	.106	29.106	30.04	51.4	48.7	46	83	.310	56.0	49.1	NW	14			T	4 1	St cu St	NW NW	Pt Cloudy		OER	9
10	63.0	29.371	.100	29.271	30.21	43.0	40.3	37	80	.219	52.3	39.1	NW	7			0	2 1	ci St St cu	W NW	Clear		OER	10
11	64.0	29.287	.103	29.184	30.11	50.0	47.5	45	84	.298	53.1	48.6	SW	4			0	9	St	W	Cloudy		OER	11
12	67.0	29.113	.110	29.003	29.92	65.5	57.0	51	60	.373	67.2	54.6	SW	16			0	5	a St	W	Pt Cloudy		OER	12
13	66.5	29.232	.109	29.123	30.05	53.8	51.8	50	88	.360	58.8	51.9	SW	8			0	3	a St	W	Clear		OER	13
14	68.0	29.328	.113	29.215	30.15	54.5	51.5	50	82	.360	60.0	54.0	W	4			0	10	St	W	Cloudy		OER	14
15	68.0	29.440	.114	29.326	30.27	54.0	52.0	50	88	.360	58.5	53.6	NE	4			0	10	St	NW	Cloudy		OER	15
16	69.5	29.387	.118	29.269	30.21	53.0	52.0	51	94	.373	60.4	52.5	NE	6			0	3 4	a St a cu	SW SW	Pt Cloudy		OER	16
17	70.5	29.245	.120	29.125	30.04	54.2	51.0	49	81	.347	63.0	54.0	N	6			T	10	St	N	Cloudy		OER	17
18	70.0	29.225	.118	29.107	30.04	51.1	48.8	46	85	.310	62.3	49.0	SE	4			0	2	ci St	W	Clear		OER	18
19	70.0	29.262	.119	29.143	30.06	53.4	52.4	51	94	.373	63.0	52.2	E	6			0	10	St	S	Cloudy		OER	19
20	70.5	29.142	.120	29.022	29.94	67.2	65.7	65	92	.616	69.4	65.0	SE	12			.15	10	Nb	S	Lt. Rain		OER	20
21	74.5	29.237	.130	29.107	30.02	72.0	71.0	71	95	.757	75.8	71.1	SW	7			T	6	Cu	SW	Pt Cloudy		OER	21
22	74.0	29.306	.129	29.177	30.10	50.0	45.3	41	70	.266	77.4	48.8	W	16			.62	Few 1	ci St a St	NW W	Clear		OER	22
23	71.0	29.485	.122	29.363	30.30	50.5	47.5	44	81	.287	61.1	47.7	N	7			0	3	Lt. Smoke	N	Clear		OER	23
24	70.0	29.474	.119	29.355	30.30	45.1	43.6	42	89	.266	57.6	42.6	E	6			0	Few	ci St	W	Clear		OER	24
25	68.0	29.457	.114	29.343	30.28	49.2	47.8	46	91	.310	59.3	47.2	E	5			0	0	0	0	Clear		OER	25
26	70.0	29.490	.119	29.371	30.30	55.7	53.5	52	87	.387	68.0	52.8	E	4			0	0	0	0	Clear		OER	26
27	72.5	29.464	.126	29.338	30.27	61.1	58.9	58	88	.482	73.0	59.9	SE	6			0	9	St cu	SW	Cloudy		OER	27
28	73.5	29.373	.128	29.245	30.16	53.7	53.2	53	97	.402	70.8	53.7	NW	6			.33	10	Nb	NW	Lt. Rain		OER	28
29	70.0	29.352	.119	29.233	30.16	45.8	42.3	39	75	.237	53.0	44.6	N	9			0	8	St cu	SW	Cloudy		OER	29
30	69.0	29.298	.116	29.182	30.11	42.1	38.7	34	74	.195	48.7	42.1	NW	9			T	10	Nb	N	Sprinkling		OER	30
31																								31
Sums		(a)	(a)	875.535	903.35	1623.3	1544.2	1475	2579	10.905	(a)	(a)	(a)	209	(a)	(a)	2.57	169	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.184	30.112	54.1	51.5	49.2	84.0	.364	(a)	(a)	(c) N	7.0	(a)	(a)	(a)	5.6	U a St. L St.	U W L N	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	81.5	29.091	.148	28.943	29.85	74.3	69.8	67	80	.661	76.5	67.0	N	8			T	10	St	W	Cloudy			O.E.R.	1
2	77.0	29.293	.139	29.156	30.08	62.4	55.7	51	66	.373	67.9	55.0	N	4			0	2	Stcu	N	Clear			P.M.L.	2
3	75.0	29.292	.132	29.160	30.08	66.0	57.5	52	60	.387	70.0	55.3	NE	1			0	1	St	NE	Clear			P.M.L.	3
4	71.5	29.110	.121	28.989	29.91	62.6	60.2	59	88	.499	74.2	56.4	W	6			.03	10	Nb	W	Lt. Rain			O.E.R.	4
5	71.0	29.247	.121	29.126	30.06	56.8	49.1	42	58	.266	64.6	53.0	NW	8			0	0	0	0	Clear			O.E.R.	5
6	68.5	29.249	.114	29.135	30.07	60.3	51.8	44	56	.287	65.7	46.6	N	5			0	10	ast	NW	Cloudy			O.E.R.	6
7	67.0	29.147	.110	29.037	29.97	57.9	54.4	52	80	.387	60.0	52.7	E	10			.05	10	Nb	SE	Sprinkling	B7:30a E9:00a		O.E.R.	7
8	67.5	29.030	.111	28.919	29.84	56.0	55.8	56	99	.448	74.6	56.0	NW	12			.40	10	Nb	NW	Lt. Rain			O.E.R.	8
9	65.5	29.343	.107	29.236	30.17	52.3	47.0	42	68	.266	55.9	51.4	N	3			0	4	cu	NW	Pt Cloudy			O.E.R.	9
10	64.5	29.236	.104	29.132	30.06	53.1	46.8	40	62	.247	58.9	43.0	W	7			0	10	St	W	Cloudy			O.E.R.	10
11	68.0	29.178	.113	29.065	29.99	57.3	53.8	51	80	.373	58.0	50.0	E	4			T	6	acu	W	Pt Cloudy			O.E.R.	11
12	68.5	29.217	.114	29.103	30.02	58.8	57.3	57	92	.465	69.4	58.8	SW	8			.02	9	St	SW	Cloudy			O.E.R.	12
13	69.0	29.257	.116	29.141	30.07	60.0	53.4	48	65	.334	71.0	53.8	NW	6			0	Few	St cu	NW NW	Clear			O.E.R.	13
14	68.0	29.356	.113	29.243	30.17	58.5	54.5	52	78	.387	66.0	54.5	NE	4			0	10	stcu	NW	Cloudy			O.E.R.	14
15	69.0	29.412	.117	29.295	30.24	60.4	56.6	54	79	.417	66.4	54.0	NE	6			0	10	St	N	Cloudy			O.E.R.	15
16	70.0	29.279	.119	29.160	30.08	63.0	56.4	52	67	.387	70.2	53.0	N	8			0	10	St	W	Cloudy			O.E.R.	16
17	70.0	29.181	.118	29.063	29.98	62.3	56.7	53	71	.402	67.9	54.2	NE	2			0	9	St	N	Cloudy			O.E.R.	17
18	70.5	29.204	.120	29.084	30.01	63.0	56.3	52	66	.387	69.2	51.1	E	6			0	8	ast	W	Cloudy			O.E.R.	18
19	70.5	29.220	.120	29.100	30.02	65.0	64.0	63	95	.575	71.3	53.4	E	6			.05	9	St	SW	Cloudy			O.E.R.	19
20	74.5	29.188	.130	29.058	29.97	75.8	71.3	70	80	.732	81.8	67.2	S	8			T	1	cu	SW	Clear			O.E.R.	20
21	77.5	29.085	.137	28.948	29.85	77.4	73.0	71	81	.757	85.6	72.0	S	14			.06	8	cu	SW	Cloudy			O.E.R.	21
22	71.5	29.413	.123	29.290	30.23	61.1	51.3	42	51	.266	65.8	50.0	NW	2			0	0	0	0	Clear			O.E.R.	22
23	72.0	29.436	.125	29.311	30.25	57.6	52.1	48	69	.334	65.7	50.5	E	7			0	0	0	0	Clear			P.M.L.	23
24	70.0	29.407	.119	29.288	30.23	59.3	52.8	47	65	.322	66.6	45.1	E	8			0	0	0	0	Clear			P.M.L.	24
25	71.5	29.414	.123	29.291	30.22	68.0	59.1	53	59	.402	76.6	49.2	E	6			0	0	0	0	Clear			P.M.L.	25
26	74.0	29.430	.130	29.300	30.23	73.0	65.0	61	65	.536	81.0	55.7	SE	5			0	0	0	0	Clear			P.M.L.	26
27	75.0	29.342	.132	29.210	30.13	70.8	64.3	61	71	.536	77.0	61.1	SE	6			T	3	St	SE	Clear			P.M.L.	27
28	71.5	29.400	.123	29.277	30.22	53.0	47.8	43	69	.277	60.7	53.0	NW	6			.07	4 Few	ast Stcu	SW NW	Pt Cloudy			O.E.R.	28
29	70.5	29.323	.120	29.203	30.13	48.7	42.2	35	58	.203	52.6	45.8	N	8			0	10	St.	N	Cloudy			P.M.L.	29
30	69.5	29.272	.117	29.155	30.09	46.5	41.3	35	64	.203	50.2	42.1	W	8			T	4	Stcu	NW	Pt Cloudy			P.M.L.	30
31																									31
Sums	(a)	(a)	(a)	874.418	902.22	1842	1677.3	1553	2142	12.116	(a)	(a)	(a)	192	(a)	(a)	0.68	169	(a)	(a)	(a)	1	0	(a)	(a)
Means	(a)	(a)	(a)	29.147	30.074	61.4	55.9	51.8	71.4	.404	(a)	(a)	(c) E	6.4	(a)	(a)	(a)	5.6	U ast L St	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1924.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Monday 1	76	56	20	14	66				R	Cont'd	DNa	R	5:18a	5:45a	R	11:48a	1:25p	R	7:50p	Cont'd	.60				0	0	0	0	1
2	68	54	14	5	61				R	Cont'd	DNa										.07				0	0	0	0	2
3	70	51	19	1	60																0				0	0	0	0	3
4	74	53	21	4	64				R	4:45p	8:45p										.04				0	0	0	0	4
5	65	48	17	8	56																0				0	0	0	0	5
6	66	43	23	2	54																0				0	0	0	0	6
7	60	52	8	2	56				R	DNa	DNa	R	7:05a	12:45p	R	6:35p	7:15p	R	DNp	Cont'd	.06				0	0	0	0	7
8	75	53	22	8	64				R	Cont'd	8:05a	R	9:40a	10:00a	R	1:58p	2:55p	R	3:30p	7:20p	.69				0	0	0	0	8
9	56	45	11	14	50																0				0	0	0	0	9
10	59	39	20	1	49																0				0	0	0	0	10
11	58	49	9	5	54				R	10:35a	2:45p										T				0	0	0	0	11
12	69	55	14	8	62				R	12:25p	4:45p										.02				0	0	0	0	12
13	71	52	19	0	62																0				0	0	0	0	13
14	66	54	12	2	60																0				0	0	0	0	14
15	66	54	12	0	60																0				0	0	0	0	15
16	70	52	18	1	61																0				0	0	0	0	16
17	68	54	14	0	61				R	DNa	DNa										T				0	0	0	0	17
18	69	49	20	2	59																0				0	0	0	0	18
19	71	52	19	3	62				R	11:35a	5:55p										.05				0	0	0	0	19
20	82	66	16	12	74				R	DNa	6:55a	R	9:50a	10:20a	R	10:05p	DNR				.15				0	0	0	0	20
21	86	59	27	2	72				R	DNa	DNa	R	1:20p	2:45p	R	7:22p	DNR				.68				0	0	0	0	21
22	66	49	17	14	58																0				0	0	0	0	22
23	66	48	18	1	57																0				0	0	0	0	23
24	67	43	24	2	55																0				0	0	0	0	24
25	77	47	30	7	62																0				0	0	0	0	25
26	81	53	28	5	67																0				0	0	0	0	26
27	77	60	17	1	68				R	8:05a	8:45a										T				0	0	0	0	27
28	67	46	21	12	56				R	DNa	8:50a										.40				0	0	0	0	28
29	53	45	8	7	49																0				0	0	0	0	29
30	50	42	8	3	46				R	6:35a	6:55a										T				0	0	0	0	30
31																													31
S	2049	1523	526	146	1785		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.76		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	68.3	50.8	17.5	4.9	59.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF September, 1924.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.184	29.147	29.166	29.380	23	28.820	8	0.560	30.112	30.074	30.093	30.32	23	29.72	8	0.60
Corrected mean		29.161						Corrected mean		30.088					

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
54.1	61.4	57.8	51.5	55.9	53.7	68.3	50.8	59.6	86	21	39	10	47	30	25	8	29

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative Humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor Pressure. 8 a.m.	8 p.m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
49.2	51.8	50.5	84.0	71.4	77.7	.364	.404	.384	0	0	0	0

Clouds.
Most frequent clouds: Stratus
Most frequent direction upper clouds: West
Most frequent direction lower clouds: Northwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5616	7.8	NW	24	W	22	12	7	11	6	4	5	5	10	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.6	5.6	6.3	37	7	8	15	0	3	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
10	0	0	1, 2, 8, 21	0	0	0	7	0	0	0	23	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.76	0.69	8	0			0			4	10	9	4	0	14	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.16, date 21; 10 minutes 0.25, date 8; 15 minutes 0.32, date 21; 30 minutes 0.41, date 21; 1 hour 0.47, date 21; 2 hours 0.62, date 21.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				None																

* The duration is the time precipitation was actually recorded.

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Prepared by O.E.R.

P. M. Dunnigan, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1924

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Special observations. Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
30"	12 noon	11 am	69.0	29.285	.116	29.169	30.10	47.1	39.9	31	16	52	48.2	NW	16			T	8	Stcu	NW	Cloudy	Ordered by Chicago.	O.G.R.	30"
						Extremes of Pressure.																			
						Highest																			
23"	30 10 am	30 9 am				29.380	30.32	57.0																	23"
						Lowest																			
8"	00 3 pm	00 2 pm				28.820	29.72	74.0																	8"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1924

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	49	5	30	5			7	2			22	3	27	5	17	4			152	24
2	211	23	13	1															224	24
3	30	8	32	11	19	4											0	1	81	24
4	11	1	3	1	14	5			6	1	59	6	85	9	5	1			183	24
5	214	17													62	7			276	24
6	37	8									7	1	10	1	99	14			153	24
7	9	6			77	10	22	7					3	1					111	24
8					23	5			20	2	92	7	18	2	93	8			246	24
9	8	2													263	22			271	24
10													21	3	149	21			170	24
11					30	6	47	9	8	1	27	7	5	1					117	24
12									73	6	209	18							282	24
13											138	13	87	8	29	3			254	24
14	16	3	20	5	4	1	3	1	4	1			33	10	19	3			99	24
15			86	17	37	7													123	24
16	20	3	130	18	15	3													165	24
17	64	12	89	12															153	24
18	22	7	12	2	64	12	8	3											106	24
19					71	13	83	10	9	1									163	24
20							38	4	168	16	38	4							244	24
21							23	2	171	15	32	5	31	2					257	24
22													183	11	116	13			299	24
23	6	1	89	12	29	5									9	5	0	1	133	24
24					173	24													173	24
25			12	2	103	18	17	4											132	24
26					34	9	139	15											173	24
27							134	16	87	8									221	24
28	15	2							20	2					174	20			209	24
29	142	17													69	7			211	24
30	32	4									6	1	20	3	177	16			235	24
31																				
SUM.	886	117	516	86	693	122	521	73	566	53	630	65	523	56	1281	144	0	2	5616	720
PERCENTAGE	16	17	9	12	13	17	9	10	10	7	11	9	9	8	23	20	0	0	a	a
AVG. HOURLY VELOCITY	7.4	a	6.0	a	5.7	a	7.1	a	10.7	a	9.7	a	9.3	a	8.9	a	0	a	7.8	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of October, *1924.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry street, rooms 911-912 Tri State Bldg; first observation taken in present office, 7:00 a.m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—184

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1924.

Number of Station barometer, 656; sum of corrections, -0.09 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	68.0	29.332	.113	29.219	30.16	38.0	36.0	33	83	.187	46.5	36.0	SW	10			0	0	0	0	Clear		P.M.C.D.	1
2	69.0	29.286	.116	29.170	30.10	49.3	45.3	41	74	.256	56.5	46.9	S	8			0	0	0	0	Clear		P.M.C.D.	2
3	69.5	29.320	.117	29.203	30.12	54.0	48.7	43	68	.277	64.9	52.0	S	9			0	0	0	0	Clear		P.M.C.D.	3
4	70.0	29.271	.119	29.152	30.07	58.5	58.0	58	97	.482	66.4	58.0	S	9			.20	10	Nb	SW	Lt. Rain		O.E.R.	4
5	72.0	29.342	.124	29.218	30.14	66.0	63.0	61	85	.536	67.0	64.0	S	13			T	2 1	a.st. cu.	NW S	Clear		P.M.C.D.	5
6	72.0	29.516	.125	29.391	30.32	50.0	47.2	44	82	.287	69.3	48.3	W	4			0	0	0	0	Clear		P.M.C.D.	6
7	71.0	29.484	.122	29.362	30.29	55.2	54.2	53	94	.402	61.9	54.8	NW	1			.01	10	Nb	NW	Lt. Rain		P.M.C.D.	7
8	70.0	29.532	.119	29.413	30.35	47.0	46.0	45	93	.298	56.8	45.9	NE	6			0	3	Cu	NE	Clear		P.M.C.D.	8
9	70.0	29.510	.119	29.391	30.33	42.7	41.2	40	88	.247	52.4	40.6	E	7			0	7	Ci St	W	Pt Cloudy		P.M.C.D.	9
10	70.0	29.484	.119	29.365	30.30	49.9	48.6	47	91	.322	61.1	47.7	E	2			0	0	0	0	Clear		P.M.C.D.	10
11	72.0	29.500	.125	29.375	30.31	56.6	54.1	53	85	.402	71.2	55.4	E	3			0	2	Ci St	W	Clear		P.M.C.D.	11
12	74.0	29.464	.130	29.334	30.26	56.0	55.0	54	94	.417	72.2	56.0	SW	1			0	6	Cu	SW	Pt Cloudy		P.M.C.D.	12
13	74.0	29.474	.130	29.344	30.27	49.0	49.0	49	100	.347	66.8	49.0	E	3			0	10	Dense Fog	E	Foggy		P.M.C.D.	13
14	73.5	29.488	.129	29.359	30.29	55.4	51.9	49	79	.347	69.0	55.0	W	3			0	1	St cu	W	Clear		P.M.C.D.	14
15	74.0	29.490	.130	29.360	30.30	48.2	47.2	46	93	.310	65.0	47.6	NE	5			0	8	a St	W	Cloudy		P.M.C.D.	15
16	72.0	29.318	.124	29.194	30.11	57.8	53.8	51	77	.373	64.9	56.6	W	1			T	7 2	Ci St St cu	W W	Cloudy		P.M.C.D.	16
17	73.0	29.422	.127	29.295	30.23	51.0	49.0	47	87	.322	68.7	50.6	NE	7			0	0	0	0	Clear		P.M.C.D.	17
18	72.5	29.444	.126	29.318	30.26	46.0	45.0	44	93	.287	60.7	45.0	S	6			0	2	a St	W	Clear		P.M.C.D.	18
19	73.0	29.374	.126	29.248	30.18	57.0	54.0	52	83	.387	70.0	56.6	W	5			0	8	a.St.	NW	Cloudy		P.M.C.D.	19
20	73.0	29.312	.126	29.186	30.11	48.2	45.2	42	80	.266	68.5	48.0	N	6			0	0	0	0	Clear		P.M.C.D.	20
21	70.0	29.484	.119	29.365	30.31	36.0	33.0	29	73	.157	48.4	34.4	N	9			0	0	0	0	Clear		P.M.C.D.	21
22	70.0	29.591	.119	29.472	30.42	32.0	30.0	27	79	.143	43.2	30.6	NE	5			0	0	0	0	Clear		P.M.C.D.	22
23	68.5	29.710	.116	29.594	30.54	34.2	33.0	31	89	.172	45.0	32.0	NE	4			0	0	0	0	Clear		P.M.C.D.	23
24	71.0	29.760	.123	29.637	30.59	39.0	35.3	30	70	.164	50.2	36.1	NW	5			0	0	0	0	Clear		P.M.C.D.	24
25	75.0	29.732	.134	29.598	30.55	42.0	40.0	38	85	.228	58.5	40.0	NW	1			0	0	0	0	Clear		P.M.C.D.	25
26	71.0	29.530	.122	29.408	30.35	44.0	41.6	39	83	.237	60.0	42.0	SW	1			0	2	Lt. Smoke	SW	Clear		P.M.C.D.	26
27	71.5	29.366	.122	29.244	30.17	47.0	42.5	37	69	.219	61.8	45.0	W	1			0	8 2	a St Lt Smoke	NW W	Cloudy		P.M.C.D.	27
28	71.5	29.350	.122	29.228	30.16	47.0	42.0	36	66	.211	60.2	45.6	O	0			0	2 3	a St Lt Smoke	W NW	Clear		P.M.C.D.	28
29	71.0	29.350	.121	29.229	30.16	42.2	39.2	35	77	.203	58.5	41.6	SW	2			0	3	Lt Smoke	SW	Clear		P.M.C.D.	29
30	73.0	29.332	.126	29.206	30.13	57.9	48.9	40	52	.247	61.8	55.3	S	12			0	5 4	a.St. Lt Haze	W S	Cloudy		P.M.C.D.	30
31	73.0	29.310	.126	29.184	30.10	60.0	57.6	44	56	.287	68.3	60.0	SW	15	25	SW	0	10	St.cu.	SW	Cloudy		P.M.C.D.	31
Sums	(a)	(a)	(a)	909.062	937.98	1517.1	1429.5	1338	2525	9.020	(a)	(a)	(a)	164	(a)	(a)	0.21	98	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.325	30.257	48.9	46.1	43.2	81.5	.291	(a)	(a)	(c) S	5.3	(a)	(a)	(a)	3.2	U a.st. L cu Lt Smoke	U W L S W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1924.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.5	29.243	.114	29.129	30.07	56.5	48.5	41	56	.256	64.5	38.0	S	9			0	0	0	0	Clear			O.E.R.	1
2	69.5	29.258	.117	29.141	30.07	64.9	55.4	48	55	.334	73.8	49.3	S	10			0	0	0	0	Clear			O.E.R.	2
3	70.5	29.241	.120	29.121	30.04	66.4	55.4	47	49	.322	74.7	54.0	SE	8			0	3 3	a st a cu	W W	Pt Cloudy			O.E.R.	3
4	73.0	29.324	.126	29.198	30.12	66.4	62.4	60	80	.517	72.8	58.5	S	6			.01	9	St.cu.	S	Cloudy			P.M.D.	4
5	73.0	29.360	.126	29.234	30.15	69.3	66.3	65	86	.616	76.8	66.0	W	8	25	SW	.06	9	St cu	W	Cloudy			P.M.D.	5
6	72.0	29.494	.125	29.369	30.31	61.9	55.4	51	66	.373	68.4	50.0	NW	2			0	4	a cu	W	Pt Cloudy			O.E.R.	6
7	72.0	29.431	.125	29.306	30.25	56.8	55.0	54	89	.417	58.8	54.5	N	5			.04	10	St	N	Cloudy			O.E.R.	7
8	70.5	29.500	.121	29.379	30.32	52.4	48.4	44	75	.287	62.0	47.0	E	12			0	2	cist	NW	Clear			O.E.R.	8
9	70.0	29.430	.119	29.311	30.25	61.1	53.8	48	62	.334	69.4	42.7	E	9			0	2	cist	SW	Clear			O.E.R.	9
10	72.0	29.461	.125	29.336	30.27	71.2	63.5	59	66	.499	77.5	49.9	E	2			0	0	0	0	Clear			O.E.R.	10
11	74.5	29.441	.131	29.310	30.24	72.2	62.7	57	59	.465	81.0	56.6	SW	2			0	3	cist	W	Clear			O.E.R.	11
12	75.0	29.424	.133	29.291	30.22	66.8	56.3	49	52	.347	75.6	56.0	E	10			0	0	0	0	Clear			P.M.D.	12
13	74.5	29.430	.131	29.299	30.23	69.0	59.5	53	57	.402	77.6	48.8	SE	5			0	1	cist	W	Clear		BDNa E7:15a	O.E.R.	13
14	74.5	29.490	.131	29.359	30.29	65.0	53.7	44	47	.287	76.8	55.1	NW	9			0	2	cist	W	Clear			O.E.R.	14
15	73.0	29.355	.126	29.229	30.16	64.9	54.7	46	52	.310	69.9	48.2	E	3			0	7	a st	NW	Pt Cloudy			O.E.R.	15
16	74.0	29.286	.129	29.157	30.08	68.7	58.2	51	53	.373	77.6	57.8	NW	6			0	3	cu	W	Clear			O.E.R.	16
17	72.5	29.430	.126	29.304	30.24	60.7	54.7	50	68	.360	68.1	51.0	NE	6			0	0	0	0	Clear			O.E.R.	17
18	73.5	29.380	.129	29.251	30.18	70.0	60.0	53	56	.402	79.1	46.0	SW	9			0	3	a cu	NW	Clear			O.E.R.	18
19	73.5	29.228	.128	29.100	30.02	68.5	59.5	54	59	.417	79.2	56.7	SW	6			0	0	0	0	Clear			P.M.D.	19
20	72.0	29.368	.124	29.244	30.17	48.4	43.4	38	67	.228	55.3	48.2	N	11			0	0	0	0	Clear			O.E.R.	20
21	70.5	29.487	.121	29.366	30.32	43.2	36.8	28	53	.150	48.8	36.0	NE	5			0	0	0	0	Clear			O.E.R.	21
22	69.0	29.624	.117	29.507	30.46	45.0	37.7	28	50	.150	51.4	32.0	NE	4			0	0	0	0	Clear			O.E.R.	22
23	72.5	29.683	.127	29.556	30.51	50.2	42.7	34	53	.195	57.7	34.2	NW	6			0	0	0	0	Clear			O.E.R.	23
24	72.5	29.721	.127	29.594	30.54	58.5	47.5	36	42	.211	64.0	39.0	NW	1			0	0	0	0	Clear			O.E.R.	24
25	73.0	29.576	.127	29.449	30.39	60.0	49.4	39	46	.237	68.7	42.0	SW	1			0	5	Lt. Smoke	SW	Clear			O.E.R.	25
26	72.5	29.392	.126	29.266	30.21	61.8	50.8	41	46	.256	71.2	44.0	0	0			0	0	0	0	Clear			P.M.D.	26
27	71.5	29.296	.122	29.174	30.10	60.2	48.7	37	42	.219	66.1	47.0	0	0			0	6 2	a cu Lt Smoke	SW 0	Pt Cloudy			O.E.R.	27
28	71.5	29.283	.122	29.161	30.09	58.5	46.5	33	38	.187	68.8	47.0	N	1			0	2	Lt. Smoke	N	Clear			O.E.R.	28
29	72.5	29.296	.125	29.171	30.10	61.8	49.5	37	40	.219	71.6	42.2	S	5			0	2	a st	W	Clear			O.E.R.	29
30	74.5	29.292	.130	29.162	30.08	68.3	58.8	52	57	.387	76.6	57.9	S	10			0	2 3	a st Lt. Haze	W —	Clear			O.E.R.	30
31	73.0	29.503	.127	29.376	30.31	55.8	46.7	37	49	.219	64.0	52.5	W	8			.02	0	0	0	Clear			O.E.R.	31
Sums	(a)	(a)	(a)	907.850	936.79	1904.4	1641.9	1414	1770	9.776	(a)	(a)	(a)	179	(a)	(a)	0.13	71	(a)	(a)	(a)	0	1	(a)	(a)
Means	(a)	(a)	(a)	29.285	30.219	61.4	53.0	45.6	57.1	.322	(a)	(a)	(c) E NW	5.8	(a)	(a)	(a)	23	U Cist L Smoke	U W L N	×W	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1924

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Wednesday	64	36	28	4	50																0				0	0	0	0	1
2	74	47	27	10	60																0				0	0	0	0	2
3	75	52	23	4	64																0				0	0	0	0	3
4	73	58	15	2	66				R	4:20a	7:10a										.21				0	0	0	0	4
5	77	57	20	1	67				R	DNa	DNa	R	5:15p	5:35p							.06				0	0	0	0	5
6	68	48	20	9	58																0				0	0	0	0	6
7	59	52	7	2	56				R	DNa	12:45p	R	3:05p	3:50p							.05				0	0	0	0	7
8	62	45	17	2	54																0				0	0	0	0	8
9	69	41	28	1	55																0				0	0	0	0	9
10	78	48	30	8	63																0				0	0	0	0	10
11	81	55	26	5	68																0				0	0	0	0	11
12	76	55	21	2	66																0				0	0	0	0	12
13	78	49	29	2	64																0				0	0	0	0	13
14	77	55	22	2	66																0				0	0	0	0	14
15	70	48	22	7	59																0				0	0	0	0	15
16	78	57	21	9	68				R	DNa	DNa										T				0	0	0	0	16
17	68	51	17	8	60																0				0	0	0	0	17
18	79	45	34	2	62																0				0	0	0	0	18
19	79	57	22	6	68																0				0	0	0	0	19
20	59	40	19	18	50																0				0	0	0	0	20
21	49	34	15	8	42																0				0	0	0	0	21
22	51	31	20	1	41																0				0	0	0	0	22
23	58	32	26	4	45																0				0	0	0	0	23
24	64	36	28	5	50																0				0	0	0	0	24
25	69	40	29	4	54																0				0	0	0	0	25
26	71	42	29	2	56																0				0	0	0	0	26
27	66	45	21	0	56																0				0	0	0	0	27
28	69	46	23	2	58																0				0	0	0	0	28
29	72	42	30	1	57																0				0	0	0	0	29
30	77	55	22	9	66																0				0	0	0	0	30
31	65	48	17	10	56				R	7:25a	9:40a										.02				0	0	0	0	31
S	2155	1447	708	150	1805		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.34		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	69.5	46.7	22.8	4.8	58.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF October, 1924.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean = 0.06.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
29.325	29.285	29.305	29.650	24	29.100	19	0.550	30.257	30.219	30.238	30.60	24	30.02	19	0.58
Corrected mean		29.299						Corrected mean		30.232					

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
48.9	61.4	55.2	46.1	53.0	49.6	69.5	46.7	58.1	81	11	31	22	50	34	18	7	7

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative humidity. 8 a.m.	Relative humidity. 8 p.m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a.m.	Vapor pressure. 8 p.m.	Vapor pressure. Monthly. (g)
43.2	45.6	44.4	81.5	57.1	69.3	.291	.322	.306

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	0	2	0

CLOUDS.

Most frequent clouds: Alto-Stratus.

Most frequent direction upper clouds: West

Most frequent direction lower clouds: South West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4773	6.4	SW	25	SW	5	5	8	9	2	11	9	7	8	3

Number of times wind observed from the—

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.2	2.3	3.0	72	20	8	3	0	2	2

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. ⊛ Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Fog. Dense.	Haze. Light.	Haze. Dense.	Smoke. Light.	Smoke. Dense.	Hail.	Aurora.
0	1, 21,	22	4, 5	0	20,	0	0	13,	30	0	25, 26, 27, 28, 29,	26	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.	Snow. Total depth. (o)	Snow. Average depth at end of month.
0.34	0.21	4	0			0			1	4	3	0	0	5	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.06, date 4+5; 10 minutes 0.08, date 4; 15 minutes 0.10, date 4; 30 minutes 0.15, date 4; 1 hour 0.15, date 4; 2 hours 0.20, date 4.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
					— None —															

* The duration is the time precipitation was actually recorded. ⊛ not recorded after the commence of Killing"

8—154

Prepared by O.E.R.

T. McDonough, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1924.

Number of Station barometer, 656; sum of corrections, −.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
										Extreme of Pressure Highest															
24	10 00 am	9 00 am				29.650	30.60	46.0																	24

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1924

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									84	8	197	16							281	24
2									266	24									266	24
3							64	8	184	16									248	24
4							22	3	124	13	105	8							251	24
5									91	8	176	11	49	5					316	24
6													65	12	42	12			107	24
7	49	12											5	2	23	10			77	24
8	17	3	35	4	209	17													261	24
9					173	24													173	24
10					59	20	9	4											68	24
11					24	10			21	4	22	9					0	1	67	24
12			37	8	56	9					6	4					0	3	99	24
13					39	11	25	7	22	5	4	1							90	24
14	25	5									10	3	13	4	83	12			131	24
15	23	4	39	8	34	10									5	2			101	24
16											43	6	40	11	30	7			113	24
17	13	2	98	15	16	5									9	2			136	24
18	1				3	1	5	2	11	2	70	11	47	6			0	2	136	24
19	13	3	6	1							59	10	44	6	31	4			153	24
20	177	22	25	2															202	24
21	56	7	134	17															190	24
22	8	1	125	23															133	24
23	43	7	28	7											52	10			123	24
24	5	1													89	22	0	1	94	24
25											44	13	4	1	12	5	0	5	60	24
26											39	15	8	4			0	5	47	24
27	25	10											10	8	3	1	0	5	38	24
28	37	12											3	1	31	10	0	1	71	24
29							12	2	81	12	23	5	17	5					133	24
30									282	24									282	24
31									40	3	164	12	122	9					326	24
SUM.	491	89	527	85	613	107	137	26	1206	119	962	124	427	74	410	97	0	23	4773	744
PERCENTAGE	10	12	11	11	13	14	3	4	25	16	20	17	9	10	9	13	0	3	a	a
AVG. HOURLY VELOCITY	5.5	a	6.2	a	5.7	a	5.3	a	10.1	a	7.8	a	5.8	a	4.2	a	0	a	6.4	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of November, 1924

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.ø

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Calhoun & Berry streets rooms 911-912 Tri State Bldg; first observation taken in present office, 7:00 am. May 20, 1911

ø Self-recording rain gage not exposed after 7 am of 17th.

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1924

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	71.5	29.536	.123	29.413	30.35	45.9	40.6	34	63	.195	55.8	44.6	SW	12			0	0	0	0	Clear		O.E.R.	1
2	69.0	29.477	.117	29.360	30.30	47.7	40.2	31	51	.172	60.4	47.7	NW	17			0	0	0	0	Clear		O.E.R.	2
3	69.0	29.570	.117	29.453	30.41	31.8	28.8	24	69	.124	40.5	30.7	SE	3			0	2	a St	W	Clear		O.E.R.	3
4	71.5	29.280	.122	29.158	30.09	44.3	41.3	38	78	.228	57.7	44.3	NW	7			0	2 / 1 / 1	ci st / ci cu / a st	W / W / NW	Pt cloudy		O.E.R.	4
5	71.0	29.160	.121	29.039	29.97	47.2	41.7	35	63	.203	50.0	39.8	S	6			0	3	ci St	W	Clear		O.E.R.	5
6	71.5	29.120	.121	28.999	29.92	61.8	55.5	51	67	.373	65.2	60.6	SW	14			0	5 / 2	a St / St	W / SW	Pt cloudy		O.E.R.	6
7	72.0	29.125	.123	29.002	29.92	63.8	56.5	51	64	.373	68.4	62.6	SW	19			0	10	St	SW	Cloudy		O.E.R.	7
8	71.0	29.629	.123	29.506	30.46	35.0	31.7	27	70	.143	40.5	35.0	NE	11			0	10	St	NE	Cloudy		O.E.R.	8
9	69.5	29.525	.118	29.407	30.37	32.3	30.2	27	78	.143	35.0	32.3	NE	1			0	2	ci St	W	Clear		O.E.R.	9
10	70.0	29.404	.119	29.285	30.23	36.8	33.5	29	71	.157	46.7	34.8	SE	6			0	1	a cu	SW	Clear		O.E.R.	10
11	72.5	29.153	.125	29.028	29.96	52.3	49.5	47	82	.322	54.4	49.3	S	12			T	7	a St	W	Pt Cloudy		O.E.R.	11
12	70.0	29.403	.119	29.284	30.22	41.8	39.0	35	79	.203	63.3	41.5	NW	9	30	SW	.08	10	St	NW	Cloudy		O.E.R.	12
13	70.5	29.524	.121	29.403	30.35	35.2	33.3	30	83	.164	45.0	34.5	NE	10			0	10	St cu	SW	Cloudy		O.E.R.	13
14	69.5	29.437	.118	29.319	30.27	40.1	37.6	34	80	.195	45.2	40.1	NW	7			T	9	St cu	W	Cloudy		O.E.R.	14
15	71.0	29.360	.121	29.239	30.18	30.6	28.9	26	82	.136	37.0	30.6	SW	5			0	1	St	SW	Clear		O.E.R.	15
16	66.0	29.168	.108	29.060	30.00	35.2	33.3	30	83	.164	42.1	35.2	SW	10			0	7	a cu	W	Pt Cloudy		O.E.R.	16
17	66.0	29.441	.109	29.332	30.29	23.8	21.5	16	70	.085	28.5	22.1	SE	4			0	9	St	SE	Cloudy		O.E.R.	17
18	68.5	29.427	.115	29.312	30.28	16.2	16.0	15	97	.081	24.0	16.2	NE	3			02	1	St	NE	Clear		O.E.R.	18
19	73.5	29.419	.129	29.290	30.25	31.7	30.4	28	87	.150	31.7	24.6	SW	10			0	10	St	SW	Cloudy		O.E.R.	19
20	69.0	29.294	.116	29.178	30.12	36.8	34.6	31	81	.172	40.4	36.1	SW	15			0	3	a St	SW	Clear		O.E.R.	20
21	70.5	28.901	.119	28.782	29.70	43.2	40.2	36	78	.211	47.0	41.1	S	15			T	10	Nb	S	Lt. Rain		O.E.R.	21
22	70.0	28.739	.117	28.622	29.54	38.7	37.2	35	88	.203	45.2	38.7	W	14			0	10	St	NW	Cloudy		O.E.R.	22
23	68.5	28.888	.114	28.774	29.71	33.8	31.1	27	75	.143	38.0	33.8	SW	7			T	10	St	W	Cloudy		O.E.R.	23
24	73.5	28.935	.127	28.808	29.75	32.0	31.5	31	95	.172	40.1	32.0	W	18			.01	10	Nb	NW	Lt. Snow		O.E.R.	24
25	72.5	29.310	.125	29.185	30.14	24.3	22.3	18	74	.093	27.3	24.3	SW	6			T	9	St cu	W	Cloudy		O.E.R.	25
26	69.0	29.347	.116	29.231	30.18	33.1	31.3	28	82	.150	33.1	28.5	S	16			0	1 / 1	ci st / St	W / SW	Clear		O.E.R.	26
27	67.0	29.091	.110	28.981	29.92	34.0	33.0	32	90	.180	44.0	34.0	SW	14	30	SW	.05	10	Nb	SW	Lt. Snow		O.E.R.	27
28	67.5	29.204	.112	29.092	30.04	24.2	23.7	23	94	.118	33.2	24.2	SW	5			0	1	St	SW	Clear		O.E.R.	28
29	71.5	29.213	.122	29.091	30.05	22.4	20.4	15	72	.081	28.8	21.5	SW	6			T	3 / 4	a cu / St cu	W / W	Pt cloudy		O.E.R.	29
30	71.0	28.910	.120	28.790	29.74	22.1	20.8	18	82	.093	22.5	21.0	W	9			.06	10	Nb	W	Lt. Snow		O.E.R.	30
31																								31
Sums	(a)	(a)	(a)	874.423	902.71	1098.1	1015.6	902	2328	5.227	(a)	(a)	(a)	291	(a)	(a)	0.22	185	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.147	30.090	36.6	33.9	30.1	77.6	.174	(a)	(a)	(c) SW	9.7	(a)	(a)	(a)	6.2	U a. St / L St.	U W / L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1924.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.0	29.392	.130	29.262	30.20	60.4	48.7	37	41	.219	70.3	45.9	SW	16	32	SW	0	0	0	0	Clear			P.M.C.D.	1
2	68.5	29.662	.116	29.546	30.50	40.5	35.5	28	62	.150	49.4	40.5	N	8			0	0	0	0	Clear			O.E.R.	2
3	75.0	29.164	.132	29.032	29.97	55.3	45.3	34	44	.195	61.7	31.8	SW	10			0	0	0	0	Clear			P.M.C.D.	3
4	73.0	29.292	.126	29.166	30.10	50.0	43.0	35	56	.203	58.0	43.8	SE	4			0	0	0	0	Clear			P.M.C.D.	4
5	72.5	29.010	.124	28.886	29.81	65.0	57.0	51	62	.373	72.0	47.2	SW	18	29	SW	0	6	St. Haze	—	Clear			P.M.C.D.	5
6	74.0	29.166	.129	29.037	29.96	68.4	60.4	55	63	.432	73.8	61.8	SW	14	28	SW	0	5	St. Haze	—	Clear			P.M.C.D.	6
7	73.0	29.480	.127	29.353	30.29	40.5	36.5	32	68	.180	68.0	40.5	NW	21	37	W	T	10	St	NW	Cloudy			P.M.C.D.	7
8	74.5	29.591	.131	29.460	30.42	35.0	32.0	28	73	.150	37.0	33.4	NE	7			0	9	St.cu	NE	Cloudy			P.M.C.D.	8
9	71.0	29.465	.122	29.343	30.29	46.7	39.3	30	50	.164	53.4	32.3	S	6			0	0	0	0	Clear			O.E.R.	9
10	74.5	29.216	.130	29.086	30.03	54.4	46.9	39	57	.237	62.6	36.4	SE	13			0	0	0	0	Clear			P.M.C.D.	10
11	73.0	29.006	.125	28.881	29.80	63.3	57.3	53	70	.402	68.2	52.3	S	16	26	S	.01	10	St.cu	S	Cloudy			P.M.C.D.	11
12	73.0	29.582	.127	29.455	30.41	45.0	39.0	31	58	.172	49.4	39.8	N	7			0	3	a St	W	Clear			P.M.C.D.	12
13	72.0	29.290	.124	29.166	30.11	44.0	43.5	43	96	.277	44.4	35.2	SW	14			.37	10	Nb	SW	Lt. Rain			P.M.C.D.	13
14	72.0	29.384	.125	29.259	30.21	37.0	35.0	32	83	.180	45.0	37.0	NW	4			0	9	St.cu	NW	Cloudy			P.M.C.D.	14
15	71.0	29.280	.121	29.159	30.10	40.0	35.0	28	61	.150	46.3	30.6	SW	9			0	10	St	SW	Cloudy			P.M.C.D.	15
16	65.0	29.446	.106	29.340	30.30	28.5	25.7	20	68	.103	40.4	28.5	NW	9	28	NW	T	0	0	0	Clear			O.E.R.	16
17	74.0	29.326	.129	29.197	30.16	24.0	23.5	23	94	.118	26.0	23.0	E	8			.40	10	Nb	E	Lt. Snow			P.M.C.D.	17
18	77.0	29.390	.138	29.252	30.21	29.0	27.0	24	78	.124	32.9	16.2	S	6			0	10	St	S	Cloudy			P.M.C.D.	18
19	75.0	29.341	.132	29.209	30.15	40.4	38.2	35	82	.203	45.6	31.7	S	12			0	0	0	0	Clear			P.M.C.D.	19
20	74.5	29.170	.130	29.040	29.98	47.0	42.0	36	66	.211	55.0	36.8	S	15			0	0	0	0	Clear			P.M.C.D.	20
21	73.5	28.690	.126	28.564	29.48	45.2	43.0	41	84	.256	48.3	43.2	SW	8			.02	0	0	0	Clear			P.M.C.D.	21
22	74.0	28.820	.127	28.693	29.62	38.0	34.5	30	71	.164	43.0	38.0	W	12			0	10	St	NW	Cloudy			P.M.C.D.	22
23	74.0	28.822	.127	28.695	29.64	40.1	37.4	34	78	.195	41.3	33.5	SW	6			T	10	Nb	SW	Sprinkling			O.E.R.	23
24	77.0	29.192	.137	29.055	30.01	27.3	23.8	16	59	.085	32.4	27.3	SW	12			T	10	St	SW	Cloudy			P.M.C.D.	24
25	76.0	29.412	.135	29.277	30.24	29.0	26.0	20	67	.103	32.4	24.0	S	9			0	0	0	0	Clear			P.M.C.D.	25
26	74.5	29.228	.130	29.098	30.04	42.2	35.0	24	47	.124	49.6	33.1	S	19			0	9	a St	W	Cloudy			P.M.C.D.	26
27	67.5	29.183	.112	29.071	30.02	33.2	28.2	19	52	.098	39.1	31.5	SW	9	26	SW	T	0	0	0	Clear			O.E.R.	27
28	77.0	29.210	.137	29.073	30.03	28.8	24.2	14	49	.077	32.1	23.4	W	6			0	0	0	0	Clear			P.M.C.D.	28
29	74.0	29.142	.129	29.013	29.97	21.0	19.0	14	71	.077	28.0	21.0	SW	14			0	10	a St	NW	Cloudy			P.M.C.D.	29
30	73.5	29.283	.128	29.155	30.12	22.0	21.5	20	93	.103	26.7	22.0	NW	11			.01	8	St.cu	NW	Cloudy			O.E.R.	30
31																									31
Sums		(a)	(a)	873.823	902.17	1241.2	1103.4	926	2003	5.525	(a)	(a)	(a)	323	(a)	(a)	0.81	138	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.127	30.072	41.4	36.8	30.9	66.8	.184	(a)	(a)	(c) SW	10.8	(a)	(a)	(a)	4.6	U a.St L St.	U W L SW & NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1924

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	70	45	25	2	58																0				0	0	0	0	1
2	56	35	21	12	46																0				0	0	0	0	2
3	62	31	31	0	46																0				0	0	0	0	3
4	58	42	16	4	50																0				0	0	0	0	4
5	72	40	32	6	56																0				0	0	0	0	5
6	74	61	13	12	68																0				0	0	0	0	6
7	68	39	29	14	54				R	9:10a	9:25a	R	10:30a	12:40p							T				0	0	0	0	7
8	39	33	6	18	36																0				0	0	0	0	8
9	53	32	21	6	42																0				0	0	0	0	9
10	63	35	28	7	49																0				0	0	0	0	10
11	68	49	19	9	58				R	DNa	DNa	R	2:55p	3:46p	R	5:15p	5:50p	R	7:30p	Cont'd	.08				0	0	0	0	11
12	57	39	18	10	48				R	Cont'd	DNa										.01				0	0	0	0	12
13	45	34	11	8	40				R	9:20a	2:45p	R	6:20p	DNp							.37				0	0	0	0	13
14	45	33	12	1	39																0				0	0	0	0	14
15	46	31	15	1	38																0				0	0	0	0	15
16	42	25	17	4	34				R+Sm	9:55a	10:30a	Sd	11:45a	1:30p	Sd	2:50p	3:15p				T				0	T	0	T	16
17	26	21	5	10	24				Sd	8:45a	DNp										.42				0	4.6	4.6	.42	17
18	33	16	17	0	24																0				0	0.2	2.5	0	18
19	46	26	20	12	36																0				0	0	T	0	19
20	55	36	19	10	46																0				0	0	0	0	20
21	48	41	7	2	44				R	6:40a	9:45a	R	11:00a	2:30p							.02				0	0	0	0	21
22	43	34	9	6	38				R	9:45p	10:30p	Sm	10:30p	DNp							T				0	0	0	T	22
23	41	34	7	0	38				R	6:05p	DNp										T				0	T	0	0	23
24	39	25	14	6	32				R	DNa	6:15a	Sm	6:15a	7:50a	Sd	10:15a	4:10p				.01				0	T	0	T	24
25	32	24	8	4	28				Sd	DNa	DNa										T				0	T	0	T	25
26	50	29	21	12	40				R	DNp	cont'd										T				0	0	0	0	26
27	43	31	12	3	37				R	Cont'd	DNa	R	DNa	DNa	Sm	6:35a	7:05a	Sm	7:50a	9:40a	.05				0	T	0	T	27
28	32	23	9	9	28																0				0	0	0	0	28
29	28	21	7	4	24				Sd	DNa	DNa	Sd	8:30p	Cont'd							.05				0	T	0	.05	29
30	27	15	12	3	21				Sd	Cont'd	DNa	Sd	6:30a	12:10p	Sd	3:15p	4:30				.02				0	1.1	1.1	.02	30
31																													31
S	1461	980	481	195	1222		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.03		Total excess or deficiency since January 1,		0	5.9	(a)	(a)	(a)
M	48.7	32.7	16.0	6.5	40.7	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)		(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

(8) ∅ Amounts before and after midnight estimated

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SUMMARY FOR THE MONTH OF November, 1924.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.007.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.147	29.127	29.137	29.570	8	28.540	21	1.030	30.090	30.072	30.081	30.53	8	29.46	21	1.07
Corrected mean		29.130						Corrected mean		30.074					

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
36.6	41.4	39.0	33.9	36.8	35.4	48.7	32.7	40.7	74	6	15	30	59	32	5	5	17

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative Humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor Pressure. 8 a.m.	8 p.m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
30.1	30.9	30.5	77.6	66.8	72.2	.174	.184	.179	3	0	13	0

Clouds.

Most frequent clouds Stratus.

Most frequent direction upper clouds West

Most frequent direction lower clouds Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7903	11.0	SW	37	W	7	2	5	1	5	11	23	5	8	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.2	4.6	5.6	43	11	7	12	0	2	7

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
not recorded.			11, 12,	0	0	0	0	0	5, 6, 11	0	18	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.03	0.42	17	0			0			6	9	5	2	0	15	8	3	5.9	1.1

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

Automatic raingage not in use after 7 a.m. of 17th.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket raingage removed from roof at 7 a.m. of 17th.																				

* The duration is the time precipitation was actually recorded.

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Prepared by O.E.R.

P. McDonough, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1924

Number of Station barometer, 656; sum of corrections, −.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
25	2:00 pm.	1:00 pm.	76.5	29.384	.136	29.248	30.20	31.0	26.5	18	13	53	32.0	SW	12			0	9	Stcu	SW	Cloudy	Ordered by Chicago.	P.M.D.	25
					Extremes of Pressure																				
						Highest																			
8th	10:30 am	9:30 am				29.570	30.53	33.0																	8
						Lowest																			
21st	2:30 pm	1:30 pm				28.540	29.46	46.0																	21

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1924

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											358	22	32	2					390	24
2	176	15	10	2									52	5	25	2			263	24
3			6	1	11	2	17	4	4	1	168	11	57	5					263	24
4	17	3	23	5	14	3	38	6					7	1	41	6			140	24
5							33	6	15	2	290	16							338	24
6											383	24							383	24
7											248	12	88	4	132	8			468	24
8	45	5	142	17											18	2			205	24
9			35	9			6	1	51	11	12	3							104	24
10							129	16	97	8									226	24
11									371	24									371	24
12	69	12											82	6	50	6			201	24
13			96	12	25	4			5	1	17	2	18	2	28	3			189	24
14													46	7	99	17			145	24
15											160	19			15	5			175	24
16	6	2	8	1							85	9	18	1	162	11			289	24
17			61	7	71	11	39	6											171	24
18			46	11			4	1	60	9	20	3							130	24
19									164	14	120	10							284	24
20									127	8	235	16							362	24
21									180	12	124	10	24	2					328	24
22											22	2	296	22					318	24
23									8	1	168	21	20	2					196	24
24											134	12	170	12					304	24
25									83	7	171	16	7	1					261	24
26									412	24									412	24
27									30	2	306	22							336	24
28											91	14	91	10					182	24
29									43	4	82	9	124	11					249	24
30									27	4	14	2	102	10	77	8			220	24
31																				
SUM.	323	37	427	65	121	20	266	40	1677	132	3208	255	1234	103	647	68	0	0	7903	720
PERCENTAGE	4	5	5	9	2	3	3	6	21	18	41	36	15	14	8	9	0	0	a	a
AVG. HOURLY VELOCITY	8.7	a	6.6	a	6.0	a	6.6	a	12.7	a	12.6	a	12.0	a	9.5	a	0	a	11.0	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of December, *1924.*

Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, 6946; No. of wet thermometer in use, 7731; No. of maximum thermometer in use, 20330; No. of minimum thermometer in use, 14577

†Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry streets rooms 911-912 Tri State Bldg; first observation taken in present office, 7:00 a m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

° Self-recording rain gage not exposed during month.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1924.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.610	.119	29.491	30.47	9.8	9.0	6	83	.052	22.0	9.8	NW	6			0	0	0	0	Clear		P.M.L.	1
2	73.0	29.680	.128	29.552	30.52	14.4	13.0	8	74	.057	23.4	14.0	S	9			0	0	0	0	Clear		P.M.L.	2
3	73.0	29.372	.126	29.246	30.19	35.0	32.0	28	73	.150	36.7	30.6	SW	12			0	10	St	SW	Cloudy		P.M.L.	3
4	75.5	29.526	.134	29.392	30.35	33.0	32.0	31	90	.172	37.4	33.0	E	9			T	10	Nb	E	Lt. Snow		P.M.L.	4
5	72.0	28.872	.122	28.750	29.69	37.0	37.0	37	100	.219	37.0	31.7	E	8			.66	10	Nb	E	Lt. Rain		P.M.L.	5
6	70.5	29.128	.120	29.008	29.96	37.0	35.5	33	87	.187	37.0	35.6	SW	8			T	10	St	SW	Cloudy		P.M.L.	6
7	71.0	29.130	.121	29.009	29.95	43.8	42.3	41	89	.256	48.0	43.8	NE	5			T	10	St	NE	Cloudy		P.M.L.	7
8	73.0	28.756	.124	28.632	29.54	56.0	55.0	54	94	.417	57.0	48.0	S	12			1.30	10	St cu	SW	Cloudy		P.M.L.	8
9	67.0	29.142	.110	29.032	29.98	24.7	23.2	20	81	.103	38.8	24.6	SW	18	27	SW	T	10	St cu	NW	Cloudy		P.M.L.	9
10	71.0	29.632	.123	29.509	30.48	18.0	16.6	13	78	.074	23.0	17.4	SW	6			T	2	St	SW	Clear		P.M.L.	10
11	74.0	29.284	.129	29.155	30.11	29.0	26.0	20	67	.103	29.0	25.0	S	12			T	10	St cu	SW	Cloudy		P.M.L.	11
12	72.5	29.085	.124	28.961	29.91	27.9	25.4	21	71	.108	35.0	27.7	S	9			T	10	St	S	Cloudy		P.M.L.	12
13	68.5	28.650	.113	28.537	29.46	38.0	36.0	33	83	.187	43.2	38.0	W	21	26	W	.02	10	Nb	W	St. Rain		P.M.L.	13
14	66.0	29.074	.107	28.967	29.93	20.4	17.9	11	63	.066	28.7	19.6	W	20	27	SW	0	9	a St	NW	Cloudy		P.M.L.	14
15	70.0	29.304	.119	29.185	30.14	24.0	22.0	18	74	.093	24.0	21.8	E	4			0	10	St	E	Cloudy		P.M.L.	15
16	73.5	29.156	.128	29.028	29.98	34.9	31.9	28	73	.150	35.8	24.9	E	2			0	10	St	E	Cloudy		P.M.L.	16
17	75.0	29.350	.132	29.218	30.16	35.0	34.0	33	91	.187	47.0	35.0	NW	10			.48	10	Nb	NW	St. Rain		P.M.L.	17
18	73.5	29.362	.128	29.234	30.18	32.0	31.0	30	90	.164	32.0	30.7	0	0			.46	10	Nb	NE	St. Rain		P.M.L.	18
19	69.0	29.222	.116	29.106	30.06	33.0	31.0	28	80	.150	34.8	32.0	W	11			.92	10	St cu	W	Cloudy		P.M.L.	19
20	70.0	29.892	.121	29.771	30.78	1.0	0.3	−4	78	.031	13.6	1.0	W	12	25	W	T	10	St	W	Cloudy		P.M.L.	20
21	72.0	29.992	.127	29.865	30.88	2.8	2.2	−1	83	.036	8.6	1.4	SW	7			0	0	0	0	Clear		P.M.L.	21
22	72.0	29.680	.126	29.554	30.53	12.8	12.4	11	92	.066	13.0	11.0	SW	6			.02	8	St cu	W	Cloudy		P.M.L.	22
23	74.0	29.340	.129	29.211	30.17	21.0	20.0	18	86	.093	21.6	16.6	S	7			.05	10	Nb	S	Lt. Snow		P.M.L.	23
24	74.0	29.135	.129	29.006	29.97	18.0	17.2	15	87	.081	24.2	17.2	SW	7			.06	10	St	SW	Cloudy		O.E.P.	24
25	69.5	29.372	.117	29.255	30.26	−8.9	−9.3	−13	80	.019	10.0	−10.6	SW	14			0	10	St. Cu.	SW	Cloudy		P.M.L.	25
26	74.0	29.604	.130	29.474	30.47	0.8	0.2	−3	81	.032	1.0	−4.8	S	14			0	0	0	0	Clear		P.M.L.	26
27	80.0	29.538	.146	29.392	30.36	18.2	17.2	14	84	.077	21.8	12.4	W	10			0	10	St. Cu.	W	Cloudy		P.M.L.	27
28	81.0	29.812	.150	29.662	30.68	−15.0	−15.3	−18	80	.014	4.7	−15.6	S	9			0	0	0	0	Clear		P.M.L.	28
29	87.0	29.520	.164	29.356	30.35	7.0	5.6	−1	66	.036	7.0	0.6	S	6			0	1	St	S	Clear		P.M.L.	29
30	80.0	29.390	.146	29.244	30.21	16.6	15.2	11	77	.066	22.1	14.4	S	2			0	7	St. Cu.	NW	Pt. Cloudy		P.M.L.	30
31	76.0	29.570	.135	29.435	30.41	16.4	15.2	11	79	.066	21.3	14.8	N	10			0	8 2	a. St. St	NW N	Cloudy		P.M.L.	31
Sums		(a)	(a)	906.237	936.13	673.6	631.7	533	2574	3.572	(a)	(a)	(a)	286	(a)	(a)	3.97	237	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.233	30.198	21.7	20.4	17.2	81.1	.113	(a)	(a)	(c) S	9.2	(a)	(a)	(a)	7.6	U a. St. L St.	U NW L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1924

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Clouds. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	75.5	29.739	.135	29.604	30.58	23.4	21.2	16	71	.085	25.6	9.5	SW	5			0	0	0	0	Clear			OER	1
2	72.5	29.402	.126	29.276	30.24	31.2	26.2	16	49	.085	35.2	14.4	S	15			0	1	cirst	W	Clear			OER	2
3	77.0	29.475	.138	29.337	30.29	37.4	36.2	35	89	.203	42.0	35.0	S	5			0	10 3	st Lt Fog	W S	Cloudy	B 4:00 p E 8 p		OER	3
4	77.0	29.372	.137	29.235	30.18	35.3	33.3	30	82	.164	35.9	32.5	E	15			T	10	St	E	Cloudy			OER	4
5	71.5	28.926	.121	28.805	29.74	36.4	35.9	35	95	.203	47.2	36.4	SW	12			.03	10	Nb	SW	Lt. Rain			OER	5
6	72.0	28.995	.123	28.872	29.81	47.1	42.8	38	71	.228	47.1	36.8	S	10			T	10	St	SW	Cloudy			OER	6
7	73.0	29.050	.125	28.925	29.85	48.0	48.0	48	100	.334	48.0	43.4	E	10			T	10	Dense Fog	E	Foggy	B 8:00 a E 11:15 a	B 11:15 a E 9:00 p	P.M.D	7
8	72.0	28.755	.122	28.633	29.55	38.8	35.3	31	72	.172	57.2	38.8	SW	18	25	SW	.32	9	Stcu	SW	Cloudy			OER	8
9	73.5	29.542	.129	29.413	30.38	21.8	19.6	14	69	.077	24.7	21.8	SW	12			T	10	Nb	NW	Lt. Snow			OER	9
10	75.0	29.523	.133	29.390	30.36	26.2	23.7	18	69	.093	28.7	16.6	S	6			0	10	ast	W	Cloudy			OER	10
11	74.0	29.207	.129	29.078	30.03	35.0	32.3	29	75	.157	38.5	29.0	SW	6			T	10	Nb	NW	Lt. Snow			OER	11
12	72.5	28.618	.122	28.496	29.43	40.4	39.9	39	96	.237	44.4	26.6	SW	16			.08	10	Nb	SW	Lt. Rain			OER	12
13	68.0	28.903	.112	28.791	29.73	28.7	23.9	13	47	.074	38.2	28.7	W	16	42	W	T	0	0	0	Clear			OER	13
14	71.5	29.302	.122	29.180	30.14	22.0	19.0	11	59	.066	27.2	20.4	W	6			0	0	0	0	Clear			P.M.D	14
15	74.0	29.225	.129	29.096	30.06	28.7	24.6	16	55	.085	31.1	24.0	E	7			0	0	0	Q	Clear			OER	15
16	79.0	29.195	.142	29.053	29.99	47.0	46.5	46	96	.310	50.9	34.3	NW	2			.01	10	Nb	NW	Lt. Rain	B 11:15 a E 5:00 p	B 7:30 a E 11:15 a	OER	16
17	79.0	29.496	.143	29.353	30.31	31.4	31.0	31	96	.172	35.3	31.4	NE	8			.07	10	Nb	NE	Lt. Rain			OER	17
18	75.0	29.237	.132	29.105	30.05	32.9	32.9	33	100	.187	32.9	32.0	NE	12			.64	10	Nb	NE	Lt. Rain			OER	18
19	76.5	29.674	.138	29.536	30.51	13.6	12.5	9	80	.060	33.0	13.6	W	16	27	W	T	10	Nb	W	Lt. Snow			OER	19
20	76.0	29.992	.137	29.855	30.87	6.2	5.5	2	82	.042	8.1	-0.3	SW	9			T	0	0	0	Clear			OER	20
21	74.0	29.812	.131	29.681	30.68	13.0	11.2	5	66	.049	13.8	2.6	SW	6			0	9	ast	W	Cloudy			P.M.D.	21
22	77.0	29.473	.138	29.335	30.32	17.9	15.7	9	65	.060	21.2	11.7	S	10			0	3	ast	SW	Clear			OER	22
23	78.0	29.181	.139	29.042	30.00	24.2	24.0	24	98	.124	25.6	21.0	SW	6			.17	10	Nb	SW	Lt. Snow			OER	23
24	76.5	29.228	.135	29.093	30.06	10.0	8.8	4	74	.047	23.2	10.0	W	14			T	8	Stcu	W	Cloudy			P.M.D	24
25	78.5	29.690	.143	29.547	30.56	1.0	0.0	-6	69	.028	7.2	-8.9	SW	10			0	0	0	0	Clear			P.M.D	25
26	78.5	29.452	.142	29.310	30.29	21.0	18.8	13	68	.074	23.6	0.8	S	18	26	S	0	0	0	0	Clear			P.M.D.	26
27	79.0	29.766	.145	29.621	30.61	4.7	3.5	-3	68	.032	21.9	4.7	NW	6			0	0	0	0	Clear			P.M.D.	27
28	84.0	29.684	.158	29.526	30.54	3.0	2.0	-3	72	.032	4.0	-17.0	S	6			0	10	St	S	Cloudy			P.M.D.	28
29	80.5	29.353	.146	29.207	30.18	22.1	19.6	13	65	.074	26.6	4.3	S	9			0	0	0	0	Clear			OER	29
30	78.0	29.410	.140	29.270	30.24	21.3	19.6	16	76	.085	26.8	15.8	N	4			0	0	0	0	Clear	B 9:20 a E 12:30 p	B 8:10 a E 9:20 a	O.E.R	30
31	79.0	29.605	.144	29.461	30.43	19.8	18.6	16	82	.085	22.2	16.4	NE	18	26	N	0	6	ast	NW	Pt. Cloudy			OER	31
Sums		(a)	(a)	906.126	936.01	789.5	732.1	598	2356	3724	(a)	(a)	(a)	313	(a)	(a)	1.32	176	(a)	(a)	(a)	4	3	(a)	(a)
Means		(a)	(a)	29.230	30.194	25.5	23.6	19.3	76.0	.120	(a)	(a)	(c) SW	10.1	(a)	(a)	(a)	5.7	U ast L Nb	U W L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1924.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Monday 1	26	10	16	3	18																0				0	0	0.8	0	1
2	37	14	23	8	26																0				0	0	0.4	0	2
3	42	34	8	12	38																0				0	0	0	0	3
4	36	32	4	4	34				Sm	5:45a	1:30p	R	DNp	Cont'd							T				0	T	0	T	4
5	47	32	15	6	40				R	Cont'd	11:15a	R	1:50p	7:10p							.69				0	0	0	0	5
6	48	36	12	2	42				R	5:05p	6:00p	R	8:15p	DNp							T				0	0	0	0	6
7	56	43	13	8	50				R	4:45p	6:05p	R	9:15p	Cont'd							.90				0	0	0	0	7
8	57	30	27	6	44				R	Cont'd	5:00a	R	12:45p	3:10p							.72				0	0	0	0	8
9	30	22	8	18	26				Sd	DNa	DNa	Sd	7:20a	DNp							T				0	T	T	T	9
10	29	17	12	3	23																0				0	T	0	0	10
11	38	25	13	9	32				Sd	2:25a	DNa	Sm	5:10p	8:30p							T				0	T	T	T	11
12	44	27	17	4	36				R	2:50p	DNp										.10				0	T	0	0	12
13	42	23	19	4	32				R	6:35a	7:05a										T				0	0	0	0	13
14	27	20	7	8	24																0				0	0	0	0	14
15	31	24	7	4	28																0				0	0	0	0	15
16	51	25	26	10	38				R	5:15p	Cont'd										.20				0	0	0	0	16
17	41	31	10	2	36				R	Cont'd	Cont'd										.56				0	0	0	0	17
18	33	31	2	4	32				R	Cont'd	Cont'd										1.50				0	0	0	0	18
19	35	8	27	10	22				R	Cont'd	DNa	Sd	8:45a	DNp							.32				0	T	T	T	19
20	9	0	9	18	4				Sd	11:10a	1:45p										T				0	T	T	T	20
21	14	1	13	4	8																0				0	0	T	0	21
22	21	11	10	8	16				Sd	DNa	DNa										.02				0	0.3	T	.02	22
23	26	18	8	6	22				Sd	DNa	Cont'd										.25				0	2.6	2.6	.25	23
24	23	-5	28	13	9				Sd	Cont'd	DNa	Sd	8:05a	8:40a	Sd	2:30p	3:45p				.03				0	0.8	3.4	.03	24
25	7	-11	18	11	-2																0				0	0	3.2	0	25
26	24	-5	29	12	10																0				0	0	2.9	0	26
27	22	-1	23	0	10																0				0	0	2.6	0	27
28	6	-17	23	16	-6																0				0	0	2.4	0	28
29	27	4	23	22	16																0				0	0	2.0	0	29
30	27	14	13	4	20																0				0	0	1.8	0	30
31	22	15	7	2	18																0				0	0	1.5	0	31
S	978	508	470	241	746		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	5.29		Total excess or deficiency since January 1,		0	3.7	(a)	(a)	(a)
M	31.5	16.4	15.2	7.8	24.1	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

° Amounts before and after midnight estimated.

8—154

SUMMARY FOR THE MONTH OF December, 1924.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean −0.06.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.233	29.230	29.232	29.900	21	28.420	12	1.480	30.198	30.194	30.196	30.91	21	29.34	12	1.57
Corrected mean		29.226						Corrected mean		30.190					

TEMPERATURE.

MEAN. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
21.7	25.5	23.6	20.4	23.6	22.0	31.5	16.4	24.0	57	8	−17	28	74	29	26	2	18

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)
17.2	19.3	18.2	81.1	76.0	78.6	.113	.120	.116

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
17	0	27	6

CLOUDS.

Most frequent clouds: Nimbus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8003	10.8	SW	42	W	13	2	4	7	0	17	18	9	4	1

WEATHER.

Mean cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.6	5.7	7.0	38	5	9	17	0	2	9

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
not	recorded		0	13	21	31	3, 7, 16, 30.	7, 16, 30	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
5.29	1.62	7-8	0			0			6	11	9	7	1	17	8	3	3.7	1.5

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Automatic raingage not in use during month.																				

* The duration is the time precipitation was actually recorded.

8—154

Prepared by O.E.R.

P. M. Dunigh, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1924.

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. − Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
4	2h 00m	1h 00m	78.0	29.452	.141	29.311	30.26	34.0	32.0	29	5	81	34.0	NE	13			T	10	Nb	NE	Lt. Snow	Ordered by Chicago	P.M.D.	4
6	12 noon	11h 00m am	73.5	29.084	.127	28.957	29.90	41.2	38.2	34	7	77	41.2	S	9			0	10	St	S	Cloudy	Ordered by Chicago	O.E.R.	6
13	2h 00m	1h 00m	69.5	28.800	.115	28.685	29.62	34.5	27.5	13	22	36	38.2	NW	35	42	W	T	4	St cu	NW	Pt cloudy	Ordered by Chicago	O.E.R.	13
18	2h 00m	1h 00m	77.0	29.330	.137	29.193	30.14	32.4	32.4	32	0	100	32.4	E	6			.50	10	Nb	NE	Lt. Rain	Ordered by Chicago	P.M.D.	18
26	2h 00m	1h 00m	77.0	29.512	.138	29.374	30.35	22.0	18.0	6	16	45	22.0	S	21	26	S	0	0	0	0	Clear	Ordered by Chicago	P.M.D.	26
27	2h 00m	1h 00m	80.0	29.672	.147	29.525	30.50	12.0	10.0	2	10	60	21.9	NW	16			0	9	St. cu.	N	Cloudy	Ordered by C.T.O.	P.M.D.	27
						Extremes of Pressure																			
						Highest																			
21	3h 30m am	2h 30m am				29.900	30.91	4.0																	21
						Lowest																			
12	11h 30m pm	10h 30m pm				28.420	29.34	43.0																	12

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 3—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1924.

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90th meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											39	8	48	6	73	10			160	24
2									294	22	27	2							321	24
3									5	1	208	21	4	2					217	24
4	5	1	81	8	200	15													286	24
5					94	8	25	2	48	3	177	11							344	24
6							32	4	81	8	146	12							259	24
7			67	11	54	7	7	1			21	5							149	24
8							13	1	172	12	183	9	8	1	5	1			381	24
9											278	18	92	6					370	24
10									43	6	141	18							184	24
11									100	9	124	11	36	4					260	24
12									125	8	164	13	30	3					319	24
13											33	2	490	22					523	24
14											10	3	312	21					322	24
15					140	20	6	2					4	2					150	24
16					17	7	6	2	25	4	31	6	12	3	9	2			100	24
17	4	1	55	7	11	1							34	6	61	9			165	24
18	14	2	133	16	31	4											0	2	178	24
19					10	2	7	1			23	2	343	19					383	24
20											132	12	175	12					307	24
21											164	19	48	5					212	24
22									72	8	143	16							215	24
23							3	1	93	13	53	10							149	24
24											152	18	76	6					228	24
25									45	4	259	20							304	24
26									389	22	39	2							428	24
27	9	1									91	8	25	4	125	11			250	24
28									49	7	125	17							174	24
29					11	3			142	16	38	5							191	24
30	19	4	26	7	11	3			6	1	17	3	14	6		1			93	24
31	185	13	196	11															381	24
SUM.	236	22	558	60	579	70	99	14	1689	144	2818	271	1751	128	273	33	0	2	8003	744
PERCENTAGE	3	3	7	8	7	10	1	2	21	19	35	36	22	17	4	5	0	0	a	a
AVG. HOURLY VELOCITY	10.7	a	9.3	a	8.3	a	7.1	a	11.7	a	10.4	a	13.7	a	8.3	a	0	a		a

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Form No. 1002—Met'l.

U. S. Department of Agriculture,
WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

1924

STATION

Fort Wayne, Indiana

LOCATION OF OFFICE DECEMBER 31, 1924

Street, Corner of Calhoun and Berry

Number, Tri-State Building

Rooms 911-912

SUM OF BAROMETER CORRECTIONS.

From 8 00 a m. Jan. 1 to 8 00 p m. Dec. 31, inc., -.009 in.

From ..... m. ..... to ..... m. ....., inc., ... in.

From ..... m. ..... to ..... m. ....., inc., ... in.

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NOON, LOCAL MEAN TIME, OBSERVATION.

AVERAGES.

Month.	Temperature. Dry. (d)	Temperature. Wet. (d)	Dew-Point. (e)	Relative Humidity. (e)	Vapor Pressure. (c)	Clouds. Amount. (d)	Clouds. Most Frequent Kind, Upper.	Clouds. Most Frequent Kind, Lower.	Clouds. Most Frequent Direction of Upper.	Clouds. Most Frequent Direction of Lower.
Jan.,	24.1	21.9	16	71	.101	5.9	a.st.	Nb.	W	W
Feb.,	28.8	25.9	20	68	.111	6.6	ci.st. a st.	Nb	SWb W	NW
Mar.,	35.9	33.0	28	74	.162	7.8	ci st a cu a st	Nb	W	N
Apr.,	54.4	46.4	38	56	.236	6.5	a st	cu	W	NW
May,	58.4	50.2	43	58	.282	6.4	a st	cu	W	NW
June,	71.1	63.9	60	69	.529	7.2	a st	cu	W	NW
July,	76.4	64.3	57	52	.478	4.9	a st	cu	W	SW
Aug.,	78.2	65.8	59	53	.513	4.5	a st	cu	W	SW
Sept.,	64.9	56.4	50	59	.381	6.3	a st	St cu	W	NW
Oct.,	65.8	54.6	45	49	.317	3.0	a st	St cu	W	N
Nov.,	44.1	38.4	31	63	.188	5.1	a st	St cu	W	W NW
Dec.,	27.2	25.0	20	72	.125	6.0	a st	St cu Nb	W	SW
Sum,	629.3	545.8	467	744	3.423	70.2	—	—	—	—
Mean,	52.4	45.5	39	62	.285	5.8	a.st.	cu.	W	NW

(d) To tenths. (e) To whole numbers. (c) To thousandths.

ANNUAL METEOROLOGICAL SUMMARY FOR 1924.—STATION Fort Wayne, Indiana

Latitude N. 41° 5′ Longitude W. 85° 10′ Local time 0 h. 41 min. (t) slower than 75th meridian normal time.

MONTH.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea Level, 856 Feet. Mean. 8 a. m. (c)	8 p. m. (c)	Corrected monthly. (c)	Highest observed. (c)	Date.	Lowest observed. (c)	Date.	Absolute range. (c)	CORRECTED MONTHLY SEA-LEVEL PRESSURE.
	In.	In.	In.	In.		In.		In.	In.
Jan.,	29.230	29.224	29.222	29.770	6	28.360	11	1.410	30.189
Feb.,	29.178	29.163	29.165	29.640	16	28.460	5	1.180	30.125
Mar.,	28.986	28.970	28.973	29.340	8	28.120	29	1.220	29.920
Apr.,	29.056	29.035	29.041	29.390	2	28.510	21	0.880	29.973
May,	28.954	28.931	28.937	29.260	30	28.510	24	0.750	29.862
June,	29.054	29.015	29.030	29.210	22	28.650	28	0.560	29.940
July,	29.145	29.095	29.117	29.360	3	28.834	24	0.526	30.031
Aug.,	29.119	29.074	29.092	29.300	18	28.830	6	0.470	30.004
Sept.,	29.184	29.147	29.161	29.380	23	28.820	8	0.560	30.088
Oct.,	29.325	29.285	29.299	29.650	24	29.100	19	0.550	30.232
Nov.,	29.147	29.127	29.130	29.570	8	28.540	21	1.030	30.074
Dec.,	29.233	29.230	29.226	29.900	21	28.420	12	1.480	30.190
				a	a	a	a		
Sum.,	349.611	349.296	349.393	Highest.	Date.	Lowest.	Date.	10.616	360.634
Mean,	29.134	29.108	29.116	29.900	Dec. 21	28.120	Mar. 29	0.885	30.053

MONTH.	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 113 Feet. Mean. 8 a. m. (d)	8 p. m. (d)	From Self-Registering Instruments. Mean. Max. (d)	Min. (d)	Monthly. (d)	Highest. (e)	Date.	Lowest. (e)	Date.	Range. Absolute. (e)	Mean daily. (d)	Mean daily change. (d)
	°	°	°	°	°	°		°		°	°	°
Jan.,	18.7	23.1	29.2	12.5	20.8	48	9	−14	5	62	16.7	9.8
Feb.,	22.3	28.2	32.2	20.2	26.2	47	1	6	22	41	11.9	3.9
Mar.,	30.0	35.2	39.2	28.1	33.6	64	29	20	15	44	11.1	4.4
Apr.,	42.4	51.2	58.3	38.7	48.5	76	24	23	1	53	19.7	4.6
May,	49.0	57.4	63.6	44.3	54.0	83	6	35	22	48	19.4	5.1
June,	62.1	69.0	74.7	57.3	66.0	90	20	44	2	46	17.4	3.4
July,	65.3	74.7	80.1	60.8	70.4	90	29	51	1	39	19.3	3.1
Aug.,	65.6	74.7	82.0	60.7	71.4	94	4	50	17	44	21.3	3.8
Sept.,	54.1	61.4	68.3	50.8	59.6	86	21	39	10	47	17.5	4.9
Oct.,	48.9	61.4	69.5	46.7	58.1	81	11	31	22	50	22.8	4.8
Nov.,	36.6	41.4	48.7	32.7	40.7	74	6	15	30	59	16.0	6.5
Dec.,	21.7	25.5	31.5	16.4	24.0	57	8	−17	28	74	15.2	7.8
						a	a	a	a			
Sum.,	516.7	603.2	677.3	469.2	573.3	Max.	Date.	Min.	Date.	607	208.3	62.1
Mean,	43.1	50.3	56.4	39.1	47.8	94	Aug. 4	−17	Dec. 28.	51	17.4	5.2

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster" or "slower," as the case may be.

MONTH.	TEMPERATURE. Number of Days. Max. 32° or below.	Max. 90° or above.	Min. 32° or below.	DEW-POINT. Mean. 8 a.m. (e)	8 p.m. (e)	Monthly. (e)	RELATIVE HUMIDITY (Percentage). Mean. 8 a.m. (e)	8 p.m. (e)	Monthly. (e)	VAPOR PRESSURE. Mean. 8 a.m. (c)	8 p.m. (c)	Monthly. (c)	PRECIPITATION. (Amount in inches and hundredths.) Elevation of Top of Gage Above Ground Dec. 31, 107 Feet. Total Amount.	Greatest Amount in any 24 Consecutive Hours. Amt.	Date.	Excessive. 2.50 inches in 24 hours. (g) (h) Amt.	Duration (h. & m.)	Date.	1 inch per hour. (g) Amt.	Duration (h. & m.)	Date.	SNOWFALL (total depth).
				°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	15	0	27	15	16	16	82	74	78	.096	.106	.101	2.49	0.90	10-11	0			0			8.1
Feb.,	13	0	28	18	22	20	83	76	80	.101	.119	.110	1.23	0.32	19	0			0			8.7
Mar.,	7	0	22	26	30	28	85	80	83	.146	.169	.158	3.41	1.47	28-29	0			0			9.9
Apr.,	1	0	4	37	39	38	81	64	72	.226	.241	.234	2.79	1.26	21	0			0			6.7
May,	0	0	0	41	44	43	76	63	69	.267	.301	.284	3.39	0.72	23-24	0			0			0
June,	0	1	0	58	60	59	88	74	81	.498	.523	.510	5.80	1.35	25	0			1.10	0:30	25	0
July,	0	0	0	57	59	58	75	59	67	.478	.508	.493	1.20	0.55	7	0			0			0
Aug.,	0	8	0	59	60	59	78	62	70	.506	.537	.522	2.22	1.22	8-9	0			0			0
Sept.,	0	0	0	49	52	50	84	71	78	.364	.404	.384	2.76	0.69	8	0			0			0
Oct.,	0	0	2	43	46	44	82	57	69	.291	.322	.306	0.34	0.21	4	0			0			0
Nov.,	3	0	13	30	31	30	78	67	72	.174	.184	.179	1.03	0.42	17	0			0			5.9
Dec.	17	0	27	17	19	18	81	76	79	.113	.120	.116	5.29	1.62	7-8	0			0			3.7
Sum.,	56	9	123	450	478	463	973	823	898	3.260	3.534	3.397	31.95	a	a	a	a	a	a	a	a	43.0
Mean,	a	a	a	38	40	39	81	69	75	.272	.294	.283	a	1.62	Dec. 7-8	a	a	a	a	a	a	a

g No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. h The duration is the time precipitation was actually recorded.

Station *Fort Wayne, Ind.*

Month	Mean Cloudiness (0 to 10.) 8 a.m. (d)	8 p.m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.*	Partly Cloudy.*	Cloudy.*	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	6.6	5.8	6.1	137.1	298.2	46	8340	SW	37	W	25	0	2	0	5	3	9	20	17	6	0	9	7	15	11	10	12	8	0	2	0	0
Feb.,	6.4	6.8	6.7	138.3	309.5	45	7164	E	31	NW	9	0	7	12	9	1	2	11	9	7	0	8	5	16	10	8	14	8	0	2	0	0
Mar.,	7.1	6.7	7.7	121.1	370.8	33	7139	N	45	SW	29	1	15	10	11	1	2	4	8	11	0	4	6	21	15	11	17	9	0	1	1	0
April,	6.0	6.2	6.1	199.2	399.9	50	7234	E	35	W	7	0	1	5	12	5	8	10	6	13	0	6	14	10	14	9	2	2	1	0	3	0
May,	5.5	4.9	6.4	178.9	449.0	40	6691	SW	36	SW	17	0	3	2	6	6	5	15	10	15	0	6	12	13	17	12	0	0	1	0	5	0
June,	6.1	6.4	6.9	170.2	452.0	38	5110	SW	39	NW	22	0	4	10	8	2	7	12	7	10	0	1	14	15	16	15	0	0	0	2	10	0
July,	4.3	4.6	4.9	283.3	458.3	62	5230	SW	26	NW	24	0	8	4	9	4	8	15	5	9	0	10	13	8	7	6	0	0	1	0	5	0
Aug.,	4.3	5.1	5.0	277.3	426.9	65	5204	SW	33	W	8	0	8	5	6	8	7	15	4	8	1	12	14	5	9	7	0	0	0	0	8	0
Sept.,	5.6	5.6	6.3	137.9	374.0	37	5616	NW	24	W	22	0	12	7	11	6	4	5	5	10	0	7	8	15	10	9	0	0	0	0	4	0
Oct.,	3.2	2.3	3.0	249.2	344.1	72	4773	SW	25	SW	5	0	5	8	9	2	11	9	7	8	3	20	8	3	4	3	0	0	0	1	2	0
Nov.,	6.2	4.6	5.6	127.9	297.0	43	7903	SW	37	W	7	0	2	5	1	5	11	23	5	8	0	11	7	12	9	5	8	3	0	0	2	0
Dec.,	7.6	5.7	7.0	108.3	287.3	38	8003	SW	42	W	13	1	2	4	7	0	17	18	9	4	1	5	9	17	11	9	8	3	0	3	0	0
Sum,	68.9	64.7	71.7	2128.7	4467.0	569	78407	a	a	a	a	2	69	72	94	43	91	157	92	109	5	99	117	150	133	104	61	33	3	11	40	0
								j	j	j	j																					
Mean,	5.7	5.4	6.0	177.4	372.2	47	a	SW	45	SW	Mar. 29	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

h Days with 40 miles per hour and over. j One entry only. * From sunrise to sunset.

Standard of normal time in local use, 90th meridian.

MONTH.	WIND. Mean Hourly Velocity. 1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,	9.9	10.0	9.4	9.8	10.4	10.9	10.9	11.5	11.6	12.1	12.7	13.0	13.3	13.2	13.1	12.5	11.9	11.0	10.7	10.4	10.4	10.9	9.9	9.7	11.2
Feb.,	9.0	8.9	9.1	9.8	9.2	8.9	8.9	9.4	10.2	10.8	11.7	11.7	11.8	11.9	11.8	12.1	11.2	10.3	10.3	10.5	10.2	10.0	9.7	9.8	10.3
Mar.,	8.6	8.5	8.7	8.6	8.4	8.3	8.2	9.4	9.6	10.3	10.9	11.1	11.6	11.7	11.5	10.9	9.8	9.3	9.1	9.3	9.4	9.2	8.9	9.1	9.6
April,	8.3	7.6	7.5	7.8	7.7	7.7	8.5	10.0	10.8	11.1	12.5	12.7	13.1	13.5	13.3	13.4	12.3	10.3	9.1	9.5	8.9	8.9	8.8	8.0	10.0
May,	7.4	7.2	6.7	6.6	6.6	7.0	7.5	8.6	9.4	10.3	11.0	12.3	11.9	11.9	11.7	11.9	11.8	10.2	8.5	7.9	7.3	6.9	7.4	7.8	9.0
June,	5.3	5.5	5.9	6.2	5.9	6.2	6.9	7.3	8.0	7.9	8.2	8.4	8.8	9.1	8.8	9.2	8.7	8.1	7.3	5.8	5.9	5.7	5.7	5.4	7.1
July,	5.6	5.5	5.8	5.4	5.5	5.5	6.2	6.3	7.5	8.3	9.2	9.3	9.6	9.5	9.1	9.2	8.4	7.9	6.4	6.0	5.4	5.6	5.7	5.6	7.0
Aug.,	4.9	5.4	5.7	5.6	5.1	5.6	5.8	6.7	7.2	8.0	8.7	9.4	9.6	9.9	9.4	9.4	9.4	7.5	6.3	5.7	6.2	6.2	5.3	5.1	7.0
Sept.,	6.5	6.4	6.5	6.6	6.2	6.2	6.8	7.9	8.8	9.8	10.0	10.3	10.2	9.6	9.4	9.0	8.3	7.4	6.4	6.9	7.3	7.0	6.9	6.8	7.8
Oct.,	5.3	5.4	5.7	5.7	5.8	5.2	5.5	6.4	7.0	7.1	7.9	8.3	9.2	8.8	8.6	8.0	6.2	5.6	5.6	5.8	5.6	5.3	4.9	5.0	6.4
Nov.,	9.2	9.3	9.0	8.8	8.9	9.0	9.6	9.9	11.4	12.6	13.3	13.7	13.8	14.2	13.3	12.5	10.6	10.2	10.5	11.3	11.1	10.9	10.5	9.6	11.0
Dec.,	9.9	9.9	9.2	9.7	9.9	9.7	9.5	10.0	11.1	12.1	12.1	12.5	12.9	12.6	11.9	11.2	10.6	10.3	10.5	10.9	10.4	10.5	10.5	10.4	10.8
Sum,	89.9	89.6	89.2	90.6	89.6	90.2	94.3	103.4	112.6	120.4	128.2	132.7	135.8	135.9	131.9	129.3	118.2	108.1	100.7	100.0	98.1	97.1	94.2	92.3	107.2
Mean,	7.5	7.5	7.4	7.6	7.5	7.5	7.9	8.6	9.4	10.0	10.7	11.1	11.3	11.3	11.0	10.8	9.9	9.0	8.4	8.3	8.2	8.1	7.8	7.7	8.9

Station Fort Wayne, Ind. . Standard of normal time in local use, 90th meridian.

MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)

MONTH.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	FOR THE MONTH.
Jan.,																									
Feb.,																									
Mar.,																									
April,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by O.E.R.

P. McDonough
Weather Bureau.

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Standard of normal time in local use, 90th meridian.

MONTH.	WIND—NUMBER OF MILES AND LENGTH OF TIME FROM—																			
	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.
January,	81	12	52	10	203	33	218	31	1299	123	3083	249	2563	212	841	74	0	0	8340	744
February,	401	60	1116	117	1605	144	74	15	326	32	1250	103	1399	130	993	93	0	2	7164	696
March,	1168	177	1289	128	694	84	167	33	379	29	984	75	1022	74	1436	144	0	0	7139	744
April,	203	22	307	40	1993	154	317	53	521	71	1340	136	1242	128	1306	116	0	0	7234	720
May,	216	37	430	53	321	45	166	36	563	58	2236	214	1005	128	1754	172	0	1	6691	744
June,	400	74	510	82	772	113	241	48	726	101	1186	147	570	66	705	84	0	5	5110	720
July,	639	110	534	92	296	63	99	22	548	89	1579	171	454	66	1081	131	0	0	5230	744
August,	553	97	324	66	337	63	355	72	659	89	1729	178	487	62	760	108	0	9	5204	744
September,	886	119	516	86	693	122	521	73	566	53	630	65	523	56	1281	144	0	2	5616	720
October,	491	89	527	85	613	107	137	26	1206	119	962	124	427	74	410	97	0	23	4773	744
November,	323	37	427	65	121	20	266	40	1677	132	3208	255	1234	103	647	68	0	0	7903	720
December,	236	22	558	60	579	70	99	14	1689	144	2818	271	1751	128	273	33	0	2	8003	744
Sum,	5597	856	6590	884	8227	1018	2660	463	10159	1040	21005	1988	12682	1227	11487	1264	0	44	78407	8784
Percentage,																				
Average hourly velocity,		a		a		a		a		a		a		a		a		a		a

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Port Washington, Wis., (Day of week) Tuesday, (Date) JAN - 1 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	14	13	12	10	8	6	6	9	11	12	13
Nature of precipitation and time of beginning and ending		Sd 2 PM										
Amounts of precipitation												
Cloudiness and other conditions	Cldy				Cldy	Clear			Clear			
Sunshine (in tenths of hours)								0	0.7	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	20	20	17	17	15	14	12	12	10	8	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	16	17	16	14	13	13	12	11	11	11	11
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear				Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0							
Wind direction	NW	NW	NW	NW	NW	N	N	NE	NE	NE	E	E
Wind movement	10	8	9	7	5	5	3	5	4	3	4	4

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 1:19 a. Cloudy
Sunset: Time, 4:23 Character, Cloudy
Moonset: 12:45 p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

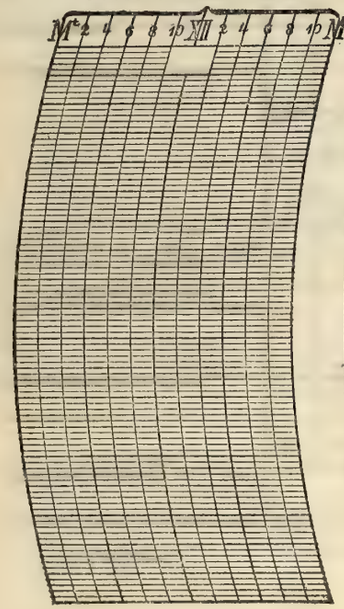
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
18	5	12	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 7.7 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 83
Prevailing wind direction, W Total wind 284
Average hourly velocity, 9.8 Extreme velocity, 26
Maximum velocity, 25 Direction, W
Time began, 12:14 a. m.
Reduced barometer 30.48 7 a. m. 30.65 7 p. m.
River gage, 5.4 Feet
Relative humidity, 85 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 12.2 Wet temperature, 10.3
Dew-point, 3 R. humidity, 62 V. pressure, .044
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



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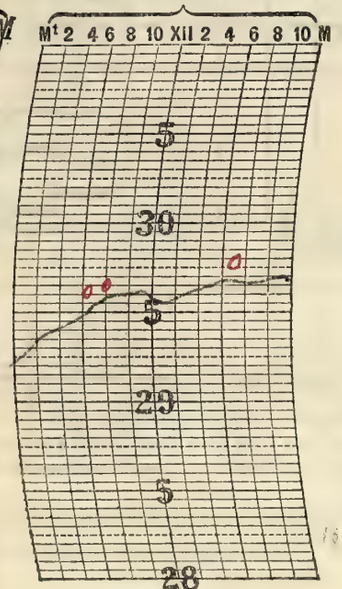

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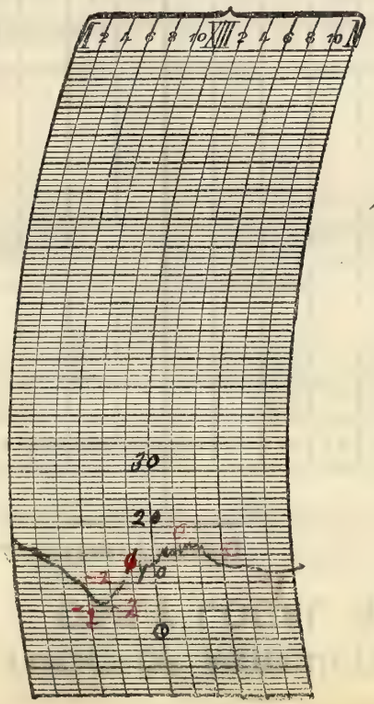

Prepared by C. E. S.
Verified by S. McDonough

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NOTES.

The cold wave heralded on Dec. 31, 1923 was fully verified this morning, the temperature falling from 39° to 6°. A clear and cold day.

Thermograph removed from roof from 9:35 a.m. until 10:25 a.m., during time shade of Tepper Store next to office building was at its height.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Wednesday, (Date) JAN 1 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	13	14	16	18	19	19	23	26	28	30	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								← Cloudy				
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	SE	SE	SE	SE	SE
Wind movement	5	7	6	7	9	9	9	9	8	9	9	12

Sunrise: Time, 7:06 Character, Cloudy. Moonrise: 2:27a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	32	32	33	33	32	30	29	27
State of weather: Nature of precipitation and time of beginning and ending			RB 2:10							RE 9:30 SB 9:30		
Amounts of precipitation			—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions					Cloudy					→		
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SE	S	S	S	S	S	SW	SW	SW	W	NW	NW
Wind movement	13	12	11	10	8	10	10	8	7	9	8	8

Sunset: Time, 4:24 Character, Cloudy. Moonset: 11:25p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

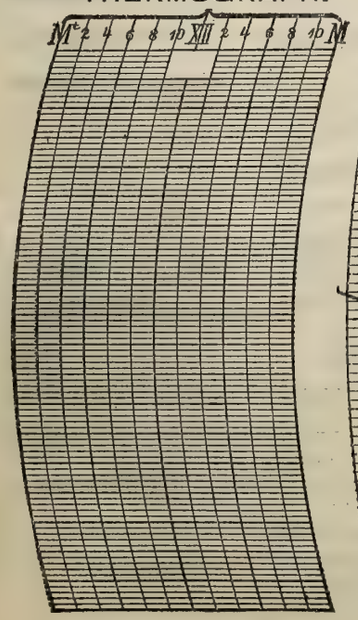
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	11	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 213
Average hourly velocity, 8.9 Extreme velocity, 15
Maximum velocity, 14 Direction, S
Time began, 11:13 p.m.
Reduced barometer, 30.44 7 a. m. 30.04 7 p. m.
River gage, 4.3 Feet
Relative humidity, 82 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.2 Wet temperature, 28.0
Dew-point, 22 R. humidity, 67 V. pressure, 143
Clouds: Amount, 10; Kind, St Cu; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH.



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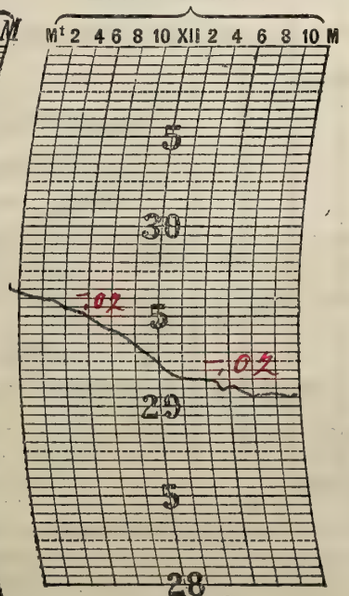
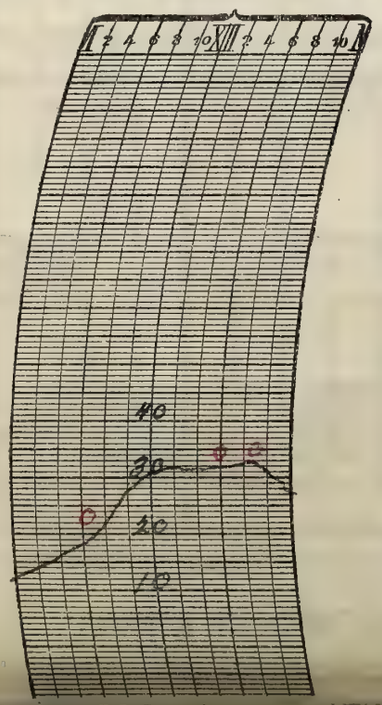


THERMOGRAPH.



Prepared by [illegible]
Verified by P. McDonough

* ESTIMATED.

NOTES.

A cloudy and cold day with slowly rising temperature and in the afternoon light rain began falling which freezing around evening making streets and walks icy and slippery and about the middle of the night before midnight the rain turned to moist snow

FORM NO. 1014—MOT.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN - 3 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	26	25	25	24	24	25	23	22	21	20	21
State of weather: Nature of precipitation and time of beginning and ending			S^m E DNA						S^m B 8:31			
Amounts of precipitation	—	—	—	—					—	—	—	—
Cloudiness and other conditions								← Cloudy				
Sunrise: Time, Character, 7:06 Cloudy												
Moonrise: 3:39a												
Sunshine (in tenths of hours)								0	0	0	0	0.2
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W
Wind movement	8	8	8	11	11	12	12	16	15	15	18	15

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	21	22	20	19	19	17	15	13	13	11	11
State of weather: Nature of precipitation and time of beginning and ending	S^m E 12:04											
Amounts of precipitation	—											
Cloudiness and other conditions			→ Pt. Cloudy		→ Clear →	Pt Cldy	→ Cloudy			→		
Sunset: Time, Character, 4:25 Clear												
Moonset: 2:11p Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0							
Wind direction	NW	NW	W	NW	W	W	W	W	NW	NW	W	NW
Wind movement	14	13	9	8	9	8	6	8	8	8	8	8

0.2 .42

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

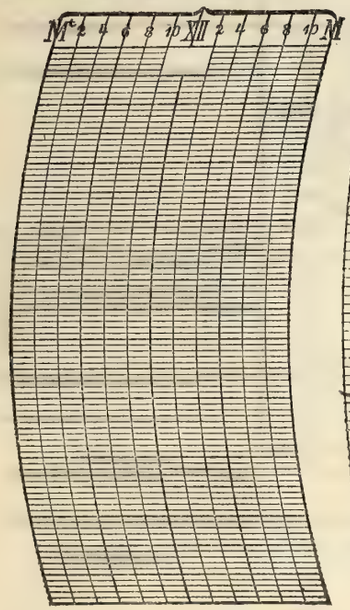
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	11	19	

Total depth of snow for 24 hours ending 7 p. m. 1.5 inches.
Snow, sleet, and hail on ground 7 p. m., 1.4 inches.
Total snowfall, midnight to midnight, 0.5 inches.
Precipitation to 7 a. m., 12 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.04 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.6 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 49
Prevailing wind direction, NW. Total wind 256
Average hourly velocity, 10.7 Extreme velocity, 22
Maximum velocity, 21 Direction, W
Time began, 10:25 a.m.
Reduced barometer, 30.07 7 a. m. 29.42 7, p. m.
River gage, 4.2 Feet
Relative humidity, 87 7 a. m. 69 7 p. m.

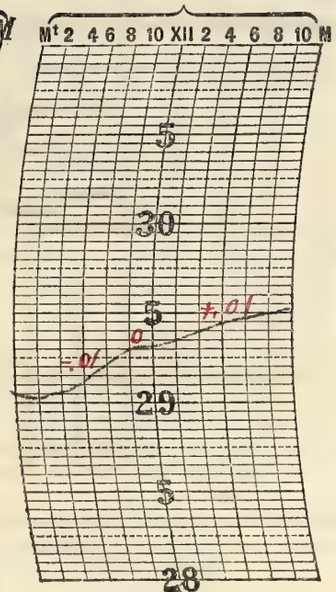
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.8 Wet temperature, 18.2
Dew-point, 14 R. humidity, 76 V. pressure, .077
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

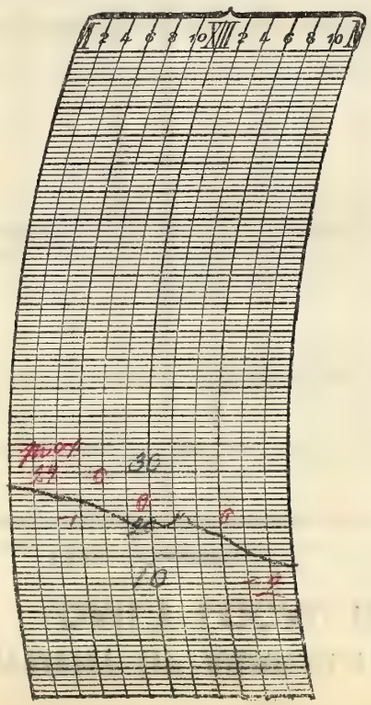
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by

Verified by P. McDonough

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NOTES.

Special 12:00 Noon (75th Meridian Time) observation sent direct to Washington at request of Chicago Office.

Snowfall to 7 a.m. = 1.5

Cold wave warning received at 9:10 am. The advice indicated the temperature would fall to about zero.

A frosty cloudy day with slowly falling temperatures.

Estimated

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) JAN [illegible] 1924, 192

Time (local standard). 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	12	12	13	14	14	14	15	15	18	19	20	21	20	19	18	15	13	12	10	6	4	3	2
State of weather: Nature of precipitation and time of beginning and ending															S 9-13 2:00						SNE 8:30			
Amounts of precipitation															—	—	—	—	—	—	—			
Cloudiness and other conditions								← Cloudy							Cloudy									→

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 4:49a

Sunset: Time, 4:26 Character, Cloudy
Moonset: 3:01P Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0.5	0	0	0	0	0	0							
Wind direction	W	SW	SW	SW	W	W	SW	SW	SW	SW	SW	W	W	SW	W	SW	W	NW	NW	NW	NW	W	W	W
Wind movement	6	6	5	4	4	4	5	5	6	6	6	6	5	6	7	6	8	10	11	14	15	12	16	16
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

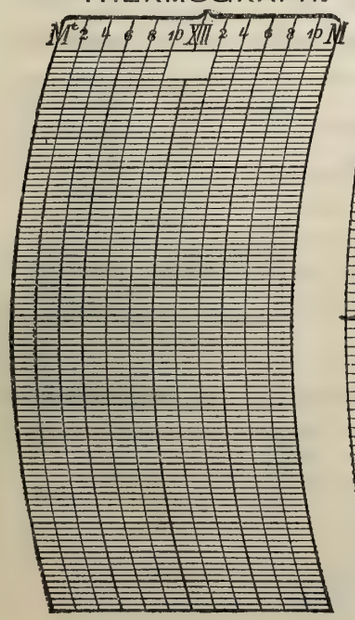
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	2	12	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 1.4 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.5 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 5
Prevailing wind direction, SW+W Total wind 194
Average hourly velocity, 8.1 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 9:33 p.m.
Reduced barometer, 30.47 7 a. m. 30.38 7 p. m.
River gage, 3.5 FEET
Relative humidity, 98 7 a. m. 76 7 p. m.

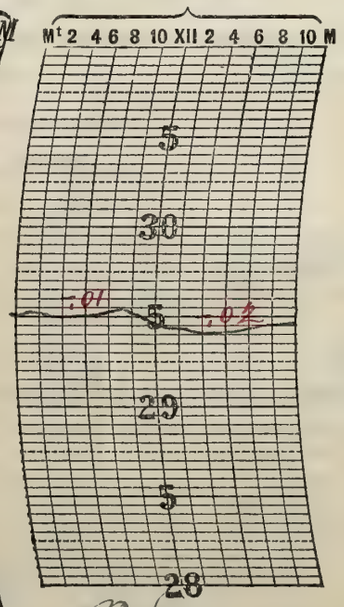
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 18.0 Wet temperature, 15.6
Dew-point, 8 R. humidity, 62 V. pressure, .057
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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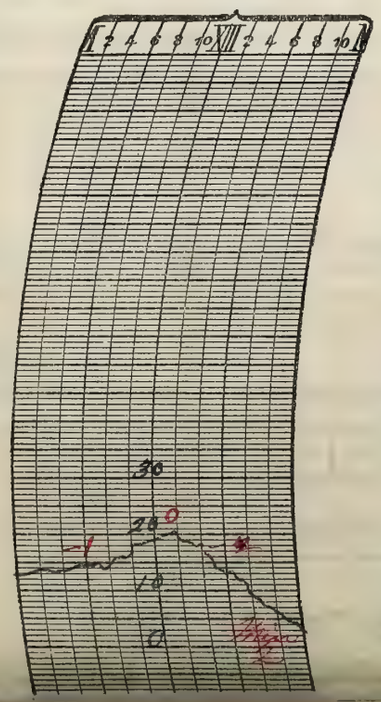


NOTES.

A cloudy and cold day with a light fall of snow occurring in the afternoon and early night.

Prepared by [illegible]

Verified by P. McDonough

Form No. 1012—Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 5 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-1	-3	-5	-7	-9	-11	-10	-14	-13	-11	-8	-6
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								← Clear				
Sunrise: Time, Character,	7:06 Clear											
Moonrise:	5:56a Clear											
Sunshine (in tenths of hours)								.90 0	1.0 0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	15	17	17	17	18	20	15	15	19	18	19	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-3	0	0	-1	-4	-5	-6	-8	-9	-9	-10	-11
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunset: Time, Character,									4:27 Clear			
Moonset:									3:58p Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.9	.45 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	17	17	17	20	19	18	16	15	11	11	11	11

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

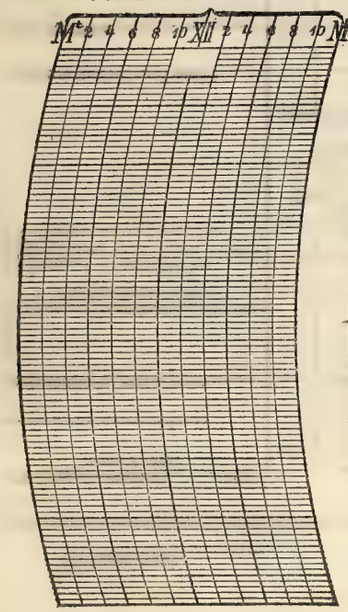
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
2	-14	-6	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 1.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind 399
Average hourly velocity, 16.6 Extreme velocity, 27
Maximum velocity, 26 Direction, W
Time began, 2:49 p.m.
Reduced barometer, 30.37 7 a. m. 30.28 7, p. m.
River gage, 3.2 Feet
Relative humidity, 79 7 a. m. 57 7 p. m.

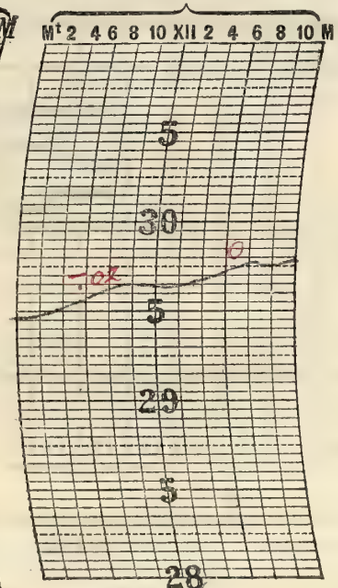
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, -6.7 Wet temperature, -7.3
Dew-point, -13 R. humidity, 73 V. pressure, .019
Clouds: Amount, Few; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

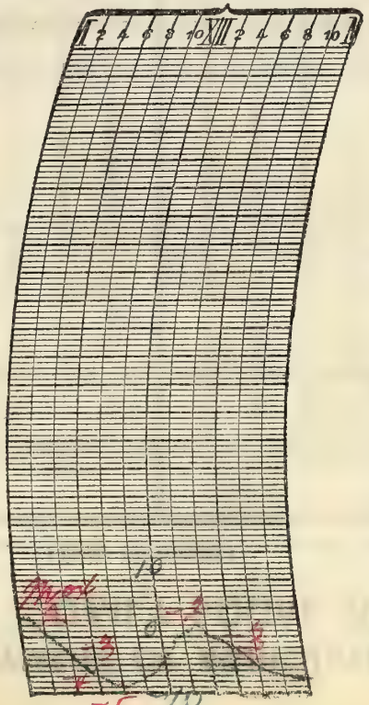
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow 7 to 7 a.m. — TRACE.

A cold wave without warning occurred; the temperature fell from 13.8 to -10.2; 7 a.m. to 7 p.m.

The minimum temperature today was the lowest so far for the season and the month, reaching 14 degrees below zero.

A clear and extremely cold day.

A check of telephonic calls showed 135 inquiries regarding the weather, most of the calls being inquiries regarding the temperature, especially the lowest reading.

Shore ice.

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 7, 1924, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-11	-11	-11	-11	-12	-11	-10	-7	-4	-2	+2	5	8	10	11	11	12	13	14	14	14	14	14	14
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear	Pt. Cldy			→		Clear			→		Pt. Cloudy			→		
Sunshine (in tenths of hours)								.9 0	0.7 0.3	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0							
Wind direction	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	11	10	15	15	16	17	16	21	22	23	25	24	27	23	24	25	24	22	20	21	16	15
Maximum velocities (exceeding 29 miles) direction and time														31 SW 1:57										

Sunrise: Time, 7:06 Character, Clear
Moonrise: 6:55a Clear
Sunset: Time, 4:28 Character, Cloudy
Moonset: 5:00p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

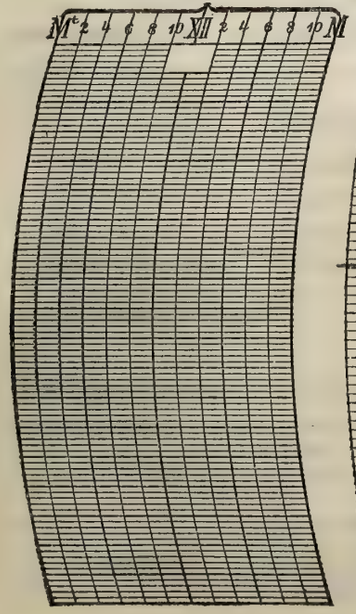
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
15	-12	2	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New - 6:48 a
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 89
Prevailing wind direction, SW Total wind 454
Average hourly velocity, 18.9 Extreme velocity, 34
Maximum velocity, 37 Direction, SW
Time began, 1:57 p.m.
Reduced barometer, 30.22 7 a. m. 30.26 7 p. m.
River gage, 3.0 Ft.
Relative humidity, 79 7 a. m. 63 7 p. m.

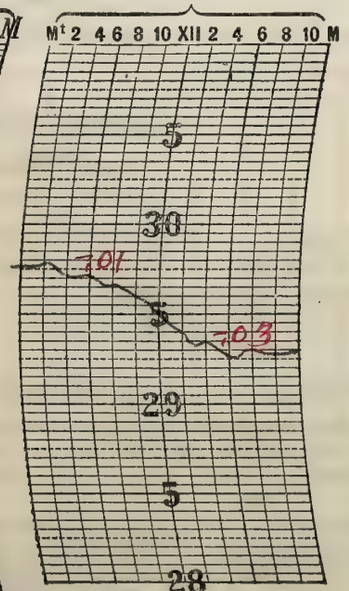
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 3.0 Wet temperature, 1.6
Dew-point, -6 R. humidity, 61 V. pressure, 0.28
Clouds: Amount, 2; Kind, ASt; Direction, NW
Velocity of clouds (miles per hour)

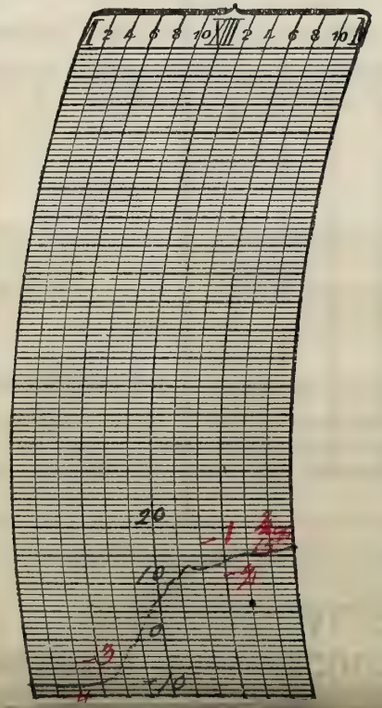
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day opened clear and extremely cold, with cutting southwestern winds. The temperature moderated after the a. m. observation, and some alto stratus clouds were present during the forenoon and afternoon.

Shore ice.

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN - 1 1924, 192

Time (local standard) 90? mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	16	16	15	15	16	16	17	19	22	24	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								← Cloudy				
Sunshine (in tenths of hours)								0	0	0	0.6	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	12	11	11	11	12	12	14	13	12	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	28	27	26	24	23	23	22	22
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2							
Wind direction	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	7	8	8	6	6	7	7	11	9	8	8

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 7:48a Cloudy

Sunset: Time, 4:29 Character, Clear
Moonset: 6:06p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

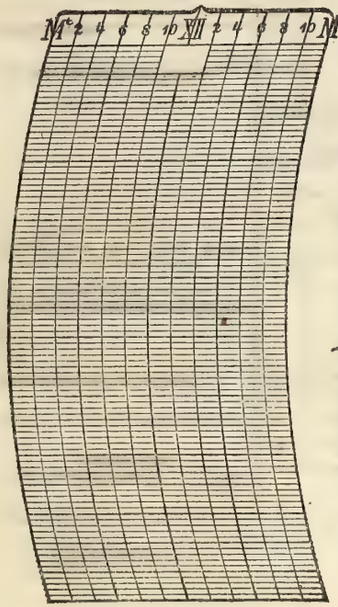
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	15	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.1 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 65
Prevailing wind direction, SW Total wind 229
Average hourly velocity, 9.5 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 12:27 a.m.
Reduced barometer, 30.23 7 a. m. 30.12 7 p. m.
River gage, 8.0 Feet
Relative humidity, 79 7 a. m. 75 7 p. m.

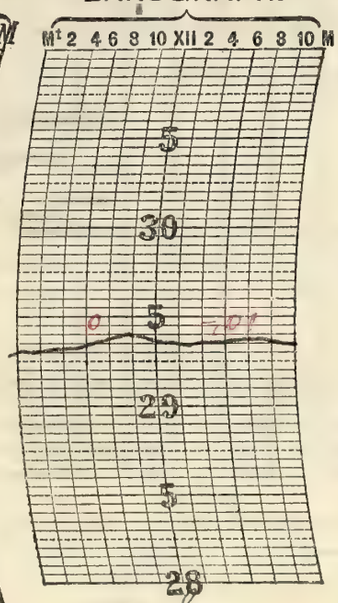
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.0 Wet temperature, 23.0
Dew-point, 21 R. humidity, 87 V. pressure, .108
Clouds: Amount, 7; Kind, St Cu.; Direction, SW
Velocity of clouds (miles per hour)

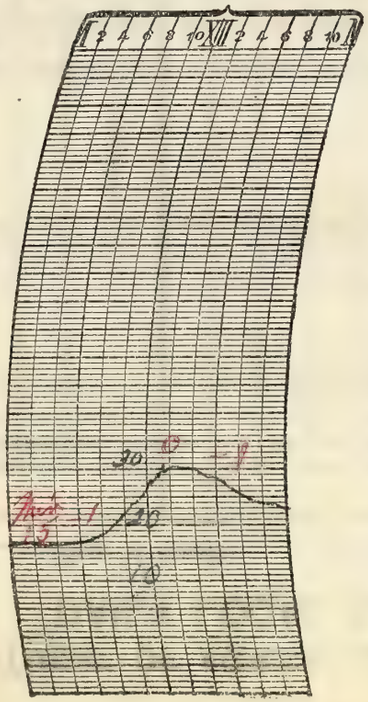
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

a partly cloudy and cold day with slowly rising temperature & Shore ice.

Prepared by

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) Sunday, (*Date*) JAN 1 1899, 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	20	20	20	20	20	20	20	22	28	33	35	38	40	41	41	40	38	37	36	36	37	37	37	39
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								← Clear							Clear						→			
Sunrise: Time, Character,	7:06 Clear																							
Moonrise:	8:33a Clear																							
Sunset: Time, Character,																					4:30 Cloudy			
Moonset:																					9:12p Clear			
Sunshine (in tenths of hours)								.90 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	8	9	7	8	6	11	11	12	11	9	12	16	16	16	14	13	11	13	15	17	18	15	13	14
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

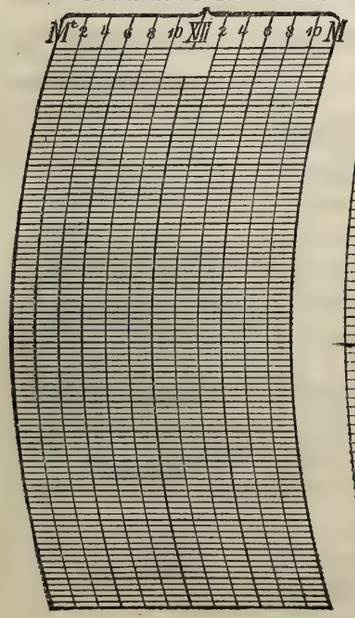
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	20	30	

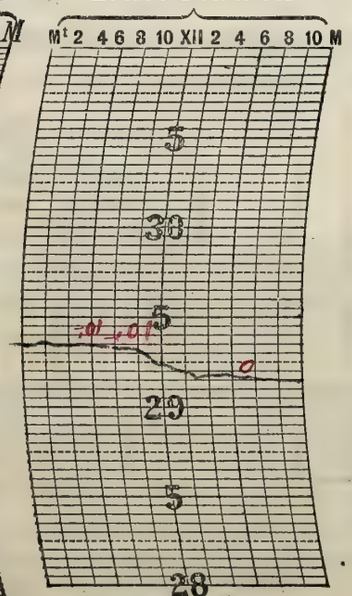
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.1 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 97
Prevailing wind direction, S Total wind 295
Average hourly velocity, 12.3 Extreme velocity, 21
Maximum velocity, 20 Direction, S
Time began, 7:48 p.m.
Reduced barometer, 30.49 7 a. m. 30.11 7 p. m.
River gage, 3.1 Feet.
Relative humidity, 78 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 36.7 Wet temperature, 31.0
Dew-point, 22 R. humidity, 52 V. pressure, .113
Clouds: Amount, 3; Kind, Cist; Direction, W.
Velocity of clouds (miles per hour)

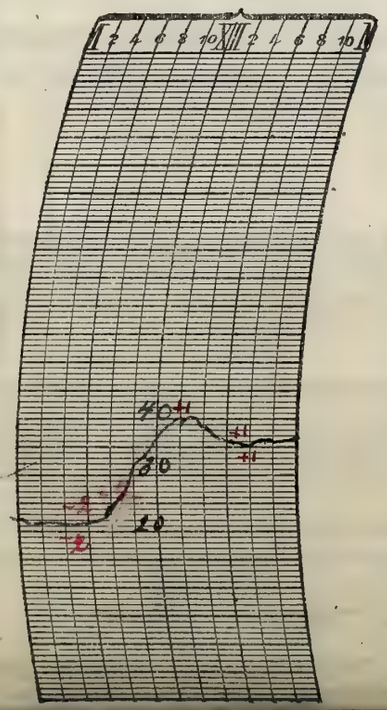
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Shore ice
A clear day with mild temperatures.

Prepared by CCS

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN - 9 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	40	38	37	36	36	36	39	41	44	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Pt. Cloudy				
Sunshine (in tenths of hours)								0	0.8	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	13	14	15	16	13	14	13	14	16	15	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	46	45	44	43	43	42	43	42	43	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy				Cloudy							
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0							
Wind direction	SW	S	S	S	S	S	S	S	S	S	S	S
Wind movement	14	16	15	12	11	10	11	12	11	13	9	7

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 9:13a Cloudy

Sunset: Time, 4:31 Character, Cloudy
Moonset: 8:16p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

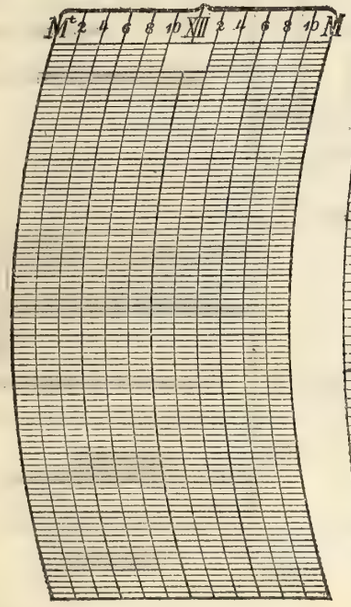
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	35	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.2 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 77
Prevailing wind direction, SW Total wind 343
Average hourly velocity, 13.0 Extreme velocity, 19
Maximum velocity, 18 Direction, S
Time began, 2:06 p.m.
Reduced barometer 30.11 7 a. m. 30.04 7 p. m.
River gage, 3.0 Feet
Relative humidity, 60 7 a. m. 55 7 p. m.

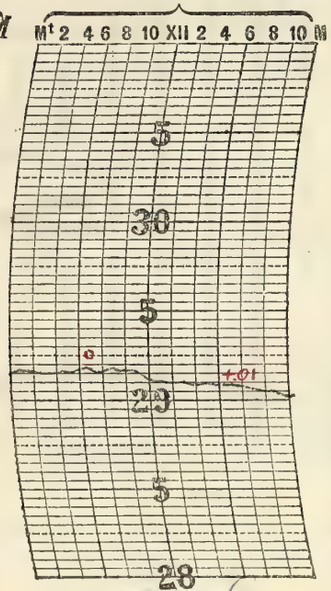
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.2 Wet temperature, 37.7
Dew-point 27 R. humidity, 48 V. pressure, .143
Clouds: Amount, 8; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

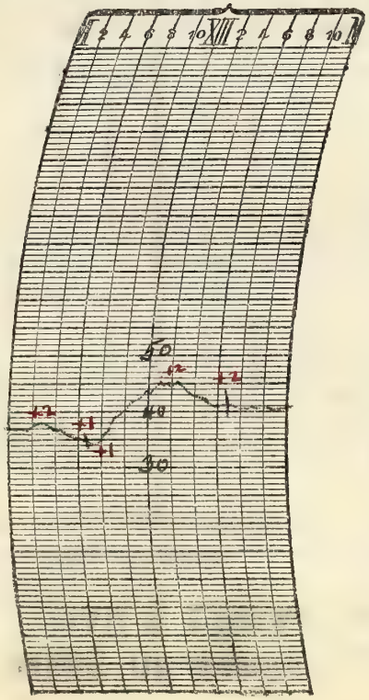
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Solar halo of 22° radius observed from 11:00 a.m. until about 2:15 p.m.
A partly cloudy day with mild temperature.

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 10 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	44	43	41	40	39	40	41	41	43	44
Nature of precipitation and time of beginning and ending				RBDNA								
Amounts of precipitation				–	–	–	–	–	–	–	–	–
Cloudiness and other conditions								← Cloudy				
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	S	S	S	S	SE	S	S	S	S	S
Wind movement	6	8	7	12	9	8	10	9	11	13	16	15

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 9:48a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	43	43	43	43	43	44	43	43	43
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions						Cloudy						→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	SE	S	S	S	S	SW	SW
Wind movement	13	12	10	12	9	13	9	9	13	15	11	16

Sunset: Time, 4:32 Character, Cloudy
Moonset: 9:19p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

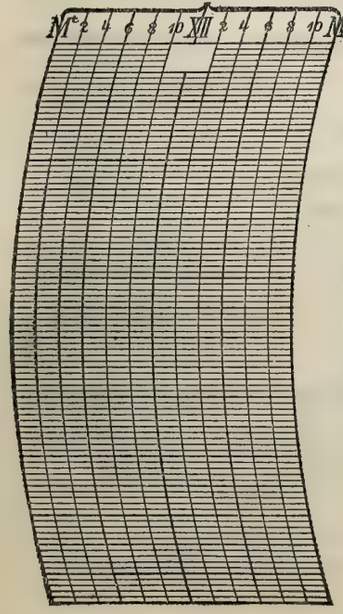
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	39	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m.; .54 ins.
Total precipitation, midnight to midnight, .78 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind 266
Average hourly velocity, 11.1 Extreme velocity, 41
Maximum velocity, 20 Direction, SW
Time began, 11:32 p.m.
Reduced barometer, 29.85 7 a. m. 29.38 7 p. m.
River gage, 3.0 Feet
Relative humidity, 88 7 a. m. 92 7 p. m.

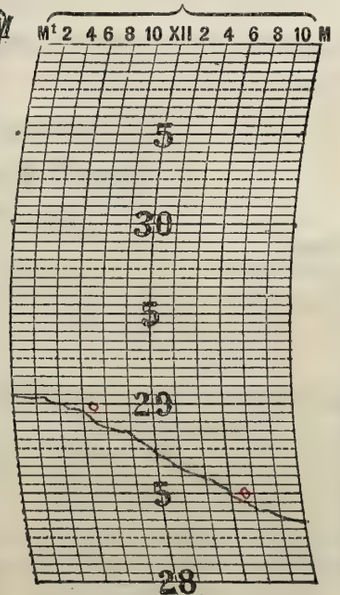
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.6 Wet temperature, 43.1
Dew-point, 43 R. humidity, 96 V. pressure, .177
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

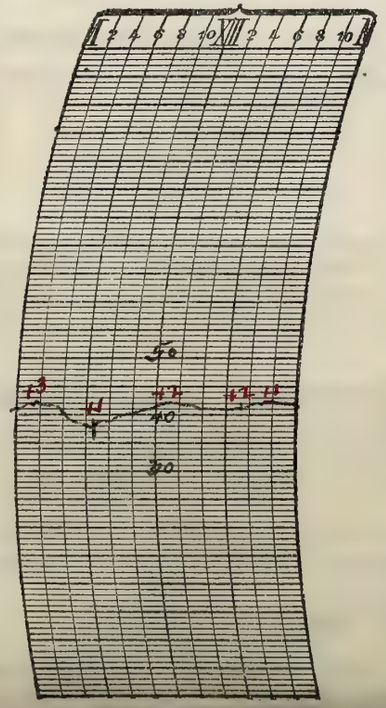
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by CCS
Verified by P. McDonough

8—486

NOTES.

ϕ Estimated precipitation.

A cloudy day with light rain and mild temperatures

FORM NO. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 11 1924, 192

Time (local standard) 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	39	37	35	33	31	29	28	27	27	27	26	25	25	25	25	25	26	26	26	25	25	25	25
State of weather: Nature of precipitation and time of beginning and ending				RSNA SBNA											SME 21B									
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
Cloudiness and other conditions								← Cloudy								Cloudy								
Sunrise: Time, Character	7:05 Cloudy																							
Moonrise	10:19a Cloudy																							
Sunset: Time, Character																					4:33 Cloudy			
Moonset																					10:20p Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	15	11	12	12	16	19	17	14	13	14	16	16	16	16	15	15	12	10	10	9	11	10	8
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	25	34	

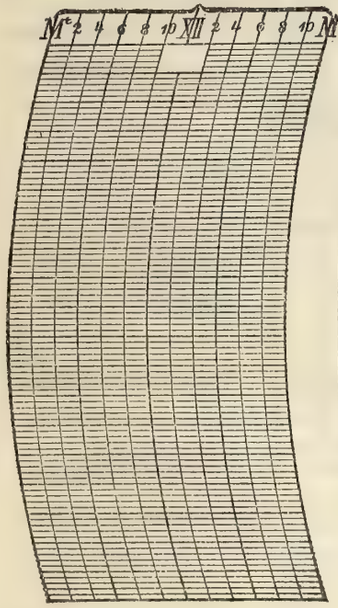
Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 332.3
Average hourly velocity, 13.5 Extreme velocity, 24
Maximum velocity, 22 Direction, W
Time began, 2:30 p.m.
Reduced barometer, 29.56 7 a. m. 29.94 7 p. m.
River gage, 8.5 Feet
Relative humidity, 89 7 a. m. 75 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

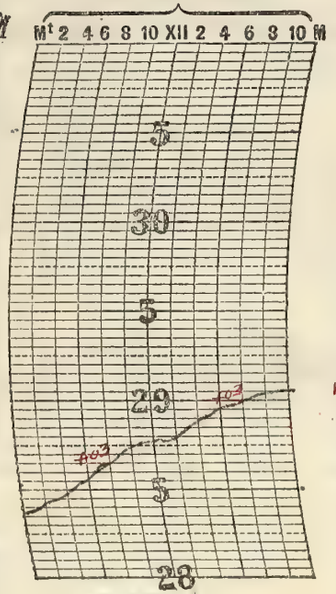
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 26.2 Wet temperature, 25.4
Dew-point, 24 R. humidity, 90 V. pressure, .124
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

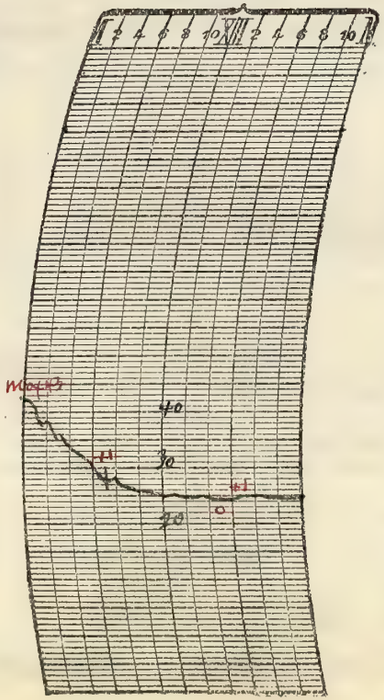
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snowfall to 7 a.m., = 0.1
Snow on ground 7 a.m. = Trace
A cloudy and moderately cold day with snow falling during most of the morning hours and during the early afternoon hours.

Prepared by
Verified by P. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Mt. Weather, Va., (Day of week) Monday, (Date) JAN 12 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	27	27	27	26	26	27	27	27	28	29	30
Nature of precipitation and time of beginning and ending								SDB 7:50	SDE 8:30			SDB 11:18
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 7:05 Character, Cloudy												
Moonrise: 10:49a Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	10	9	12	12	12	11	13	9	10	12	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	29	28	24	22	21	19	17	17
Nature of precipitation and time of beginning and ending		SDE 1:38										
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunset: Time, 4:34 Character, Cloudy												
Moonset: 11:12p Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	10	12	11	12	12	11	16	14	15	16	13	13

State of weather.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	17	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind 288

Average hourly velocity, 12.0 Extreme velocity, 20

Maximum velocity, 19 Direction, W

Time began, 8:54 p.m.

Reduced barometer, 30.09 7 a. m. 30.18 7 p. m.

River gage, 11.3 FT.

Relative humidity, 76 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

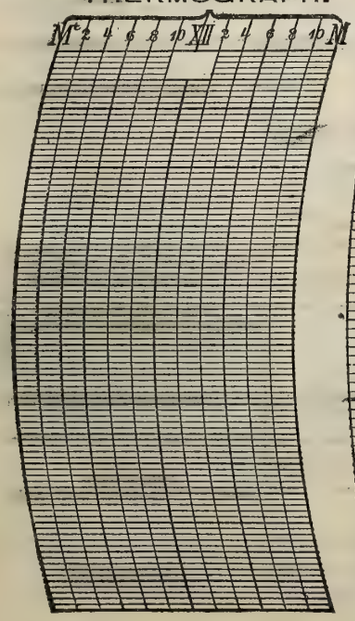
Dry temperature, 29.2 Wet temperature, 28.4

Dew-point, 22 R. humidity, 91 V. pressure, .143

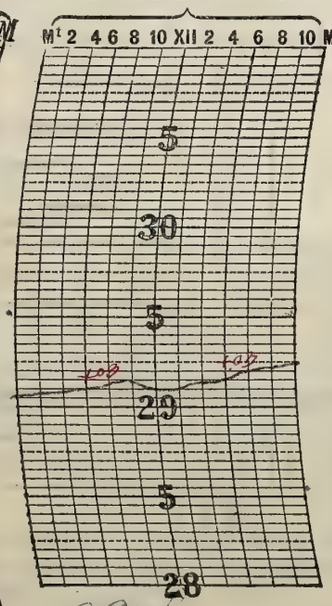
Clouds: Amount, 10; Kind, St; Direction, W

Velocity of clouds (miles per hour)

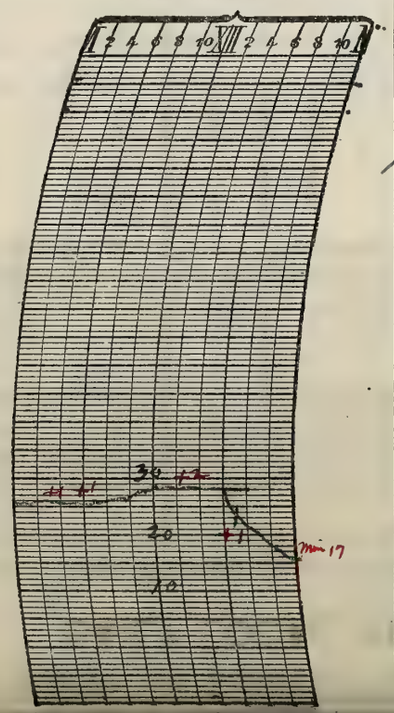
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

a cloudy and cold day with a couple light snow flurries

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 13 1924, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	15	16	16	16	15	14	14	11	11	13	15	18
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								← Clear				
Sunshine (in tenths of hours)								0	0.4	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	NW	W	W	W
Wind movement	10	8	8	10	10	10	10	11	12	10	10	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	19	18	20	18	17	17	17	16	15	15	15	15
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear →							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.38 0.2							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	11	11	11	9	6	6	6	7	7	5	5

Sunrise: Time, 7:05; Character, Cloudy
Moonrise: 11:18a Clear
Sunset: Time, 4:35; Character, Clear
Moonset: —

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

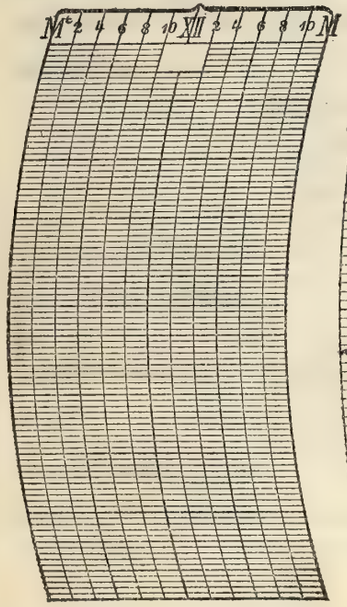
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	11	16	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, F.Q. 4:44 p.m.
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 8.8 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 84
Prevailing wind direction, W Total wind 211
Average hourly velocity, 8.0 Extreme velocity, 14
Maximum velocity, 13 Direction, NW
Time began, 2:00 p.m.
Reduced barometer, 30.29 7 a. m. 30.32 7 p. m.
River gage, 9.8 Feet
Relative humidity, 80 7 a. m. 54 7 p. m.

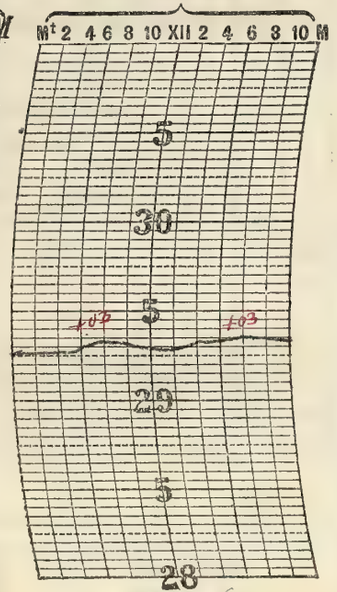
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 17.8 Wet temperature, 15.0
Dew-point, 6 R. humidity, 56 V. pressure, .052
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

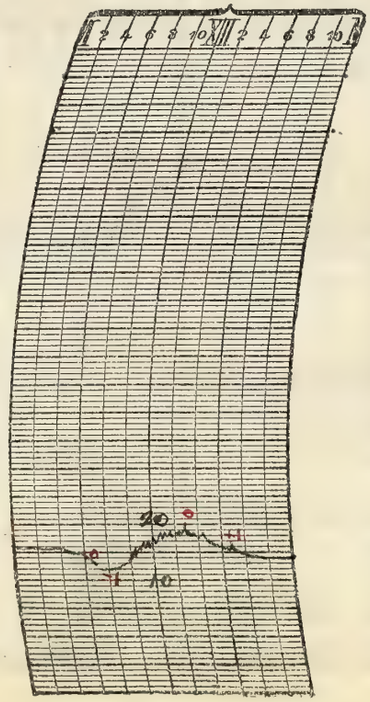
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather during the day was clear, cold, and invigorating.

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 14 1924, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	15	18	17	16	16	16	17	19	23	25	27	29	29	30	29	27	27	26	26	24	23	23	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy	Pt Cldy						Clear									
Sunrise: Time, Character	7:04 Cloudy																				Sunset: Time, Character	4:36 Cloudy		
Moonrise	11:44 Pm Clear																				Moonset	12:17 Am		
Sunshine (in tenths of hours)								0	0	0.9	1.0	1.0	1.0	1.0	1.0	0.6	0							
Wind direction	NW	NW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	3	5	3	2	1	4	5	7	7	6	10	9	9	9	11	9	10	9	8	9	7	7	10	12
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

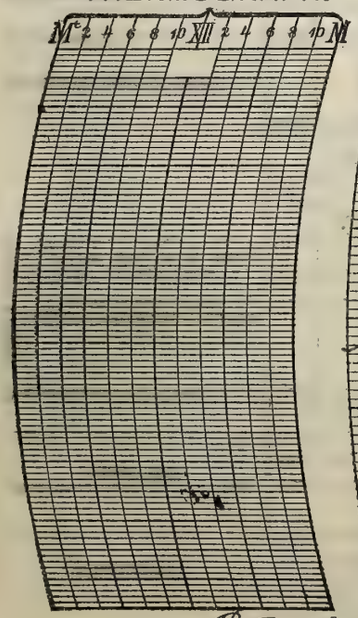
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	14	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.5 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 68
Prevailing wind direction, S Total wind 172
Average hourly velocity, 7.2 Extreme velocity, 14
Maximum velocity, 13 Direction, S
Time began, 11:18 P.M.
Reduced barometer, 30.38 7 a. m. 30.31 7 p. m.
River gage, 7.6 Feet
Relative humidity, 79 7 a. m. 69 7 p. m.

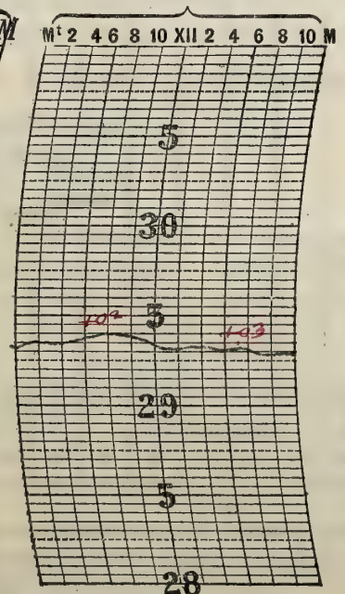
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 27.1 Wet temperature, 24.6
Dew-point, 20 R. humidity, 70 V. pressure, .103
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

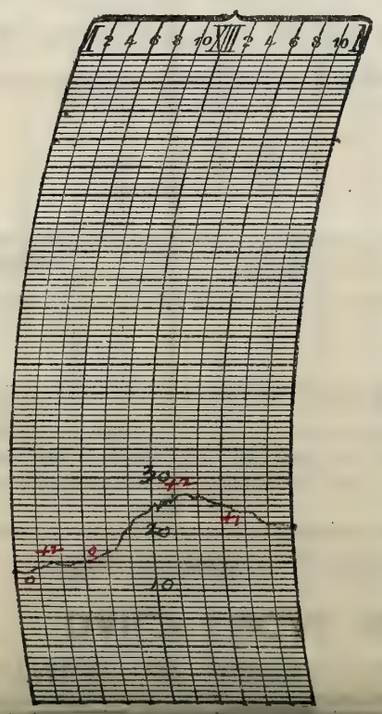
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Decreasing cloudiness from the early morning, the day being partly cloudy, but clear after 11 AM. The weather was quite cold, especially in the early part of the day, but invigorating.

Prepared by P. McDonough
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 1 1924, 192

Time (local standard) 90° mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	20	20	21	21	22	22	26	30	34	35	36	38	38	37	37	36	36	36	35	35	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						L-Clear-7L							Pt. Cloudy						L Cloudy					
Sunshine (in tenths of hours)								0	0.7	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE
Wind movement	11	12	11	10	12	13	10	11	15	14	15	13	15	17	18	12	8	9	7	9	8	9	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: — —

Sunset: Time, 4:37 Character, Cloudy
Moonset: 1:13a — —

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	20	29	

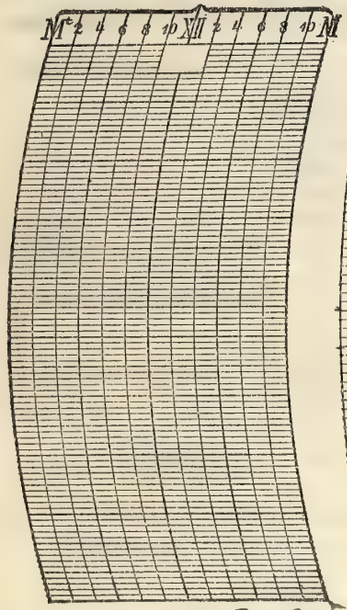
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.1 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 74
Prevailing wind direction, S Total wind 272
Average hourly velocity, 11.3 Extreme velocity, 24
Maximum velocity, 22 Direction, S
Time began, 1:33 P.M.
Reduced barometer, 30.20 a. m. 29.99, p. m.
River gage, 7.2 fee
Relative humidity, 78 a. m. 56 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

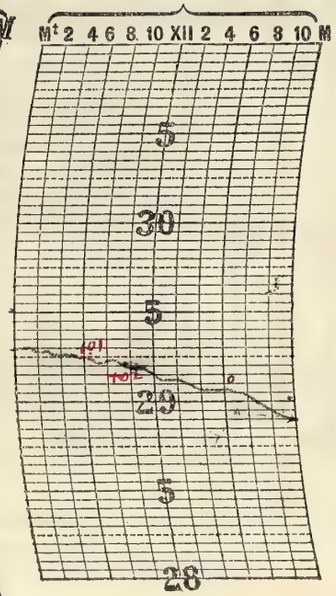
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.9 Wet temperature, 29.0
Dew-point, 18 R. humidity, 47 V. pressure, .193
Clouds: Amount, 4; Kind, Ci St.; Direction, SW
Velocity of clouds (miles per hour)

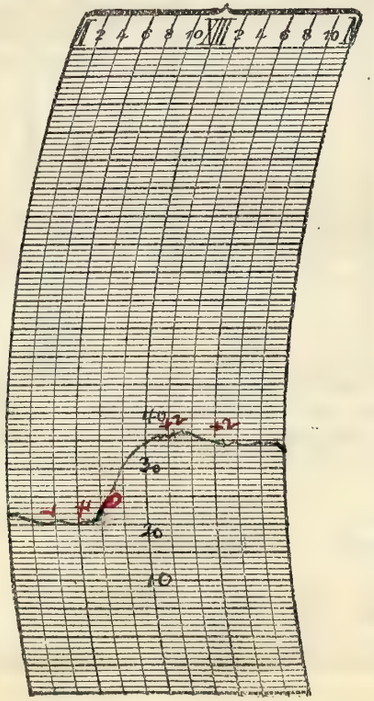
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing cloudiness and rising temperature from the early morning. The day as a whole was rather pleasant.

Prepared by F. McDonough
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 15 1913, 192

Time (local standard). 90° mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	32	34	36	37	37	38	37	35	35
Nature of precipitation and time of beginning and ending			Sm B 2:00	--	Sm E D.N. R B R N					RE 945 Sm B 945		
Amounts of precipitation			-	-	-	-	-	-	-	-	-	-
Cloudiness and other conditions				L	—	Cloudy	—				Cloudy	
Sunrise: Time, Character,	7:04 Cloudy											
Moonrise:	12:51 P Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0.2
Wind direction	SE	SE	SE	SE	SE	S	SE	S	S	SW	W	W
Wind movement	11	6	5	5	4	4	5	7	7	10	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	33	33	32	32	30	29	28	27	26
Nature of precipitation and time of beginning and ending		Sm E 1:50										
Amounts of precipitation	-	--										
Cloudiness and other conditions									→			
Sunset: Time, Character,									4:39 Cloudy			
Moonset:									2:09 a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	12	13	13	16	14	16	12	14	15	13	13

Maximum velocities (exceeding 79 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

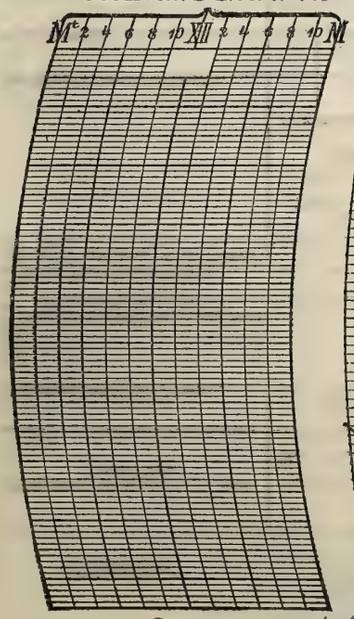
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	26	32	

Total depth of snow for 24 hours ending 7 p. m., Ø 1.5 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, Ø 1.5 inches.
Precipitation to 7 a. m., .34 ins.; to 7 p. m., .24 ins.
Total precipitation, midnight to midnight, .58 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 2
Prevailing wind direction, NW Total wind 240
Average hourly velocity, 10.0 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 6:40 P.M.
Reduced barometer, 29.49 7 a. m. 29.84 7 p. m.
River gage, 8.0 feet
Relative humidity, 91 7 a. m. 79 7 p. m.

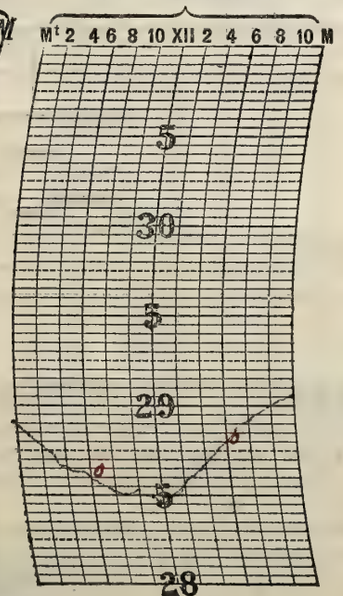
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.2 Wet temperature, 34.6
Dew-point, 32 R. humidity, 86 V. pressure, .180
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

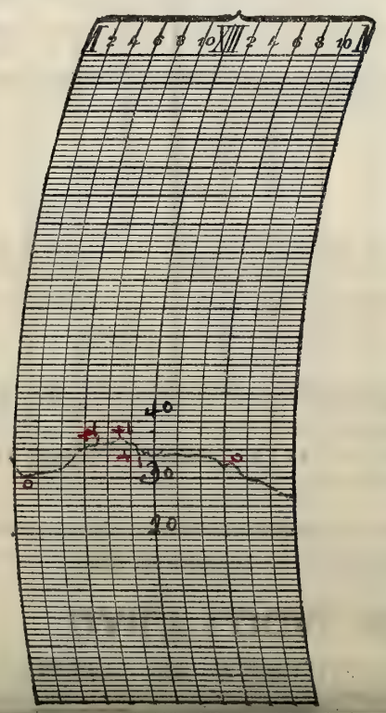
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. Ø Estimated.

Cold wave warning received at 9:15 am. The information was disseminated in the usual way.
Chicago ordered noon special observation sent to Washington.
Light fog from 7:30 am to 9:30 am.
The precipitation from snow melted as it fell, and it is estimated that the depth was 1.5 inches. Sidewalks and streets slushy, especially in the early forenoon, when the melted snow crust was about 3/4 inch deep. Day very unpleasant with falling temperature.

Prepared by } C. McDonough
Verified by }

8—486

FORM NO. 1012—McC. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 17 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	22	21	20	20	19	18	17	17	18	20
Nature of precipitation and time of beginning and ending							S 5 6:10					
Amounts of precipitation							–	–	–	–	–	–
Cloudiness and other conditions						← Cloudy						→
Sunshine (in tenths of hours)								0	0	0	0	0.9
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	9	10	12	9	7	9	12	9	11	9	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	21	22	20	19	17	16	15	15	14	14	15
Nature of precipitation and time of beginning and ending	S E 12:40											
Amounts of precipitation	–											
Cloudiness and other conditions	← Cloudy								→	← Pt. Cloudy		
Sunshine (in tenths of hours)	1.0	0.2	0.1	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	SW	SW
Wind movement	11	10	10	10	10	8	8	4	4	2	3	5

State of weather.

Sunrise: Time, 7:03 Character, Cloudy
Moonrise: 1:27 P Cloudy

Sunset: Time, 4:40 Character, Cloudy
Moonset: 3:04 a Cloudy ?

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	14	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.2 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 23
Prevailing wind direction, NW Total wind 203
Average hourly velocity, 8.5 Extreme velocity, 16
Maximum velocity, 15 Direction, NW
Time began, 12:37 P.M.
Reduced barometer, 30.197 a. m. 30.31 7 p. m.
River gage, 9.0 feet
Relative humidity, 82 7 a. m. 73 7 p. m.

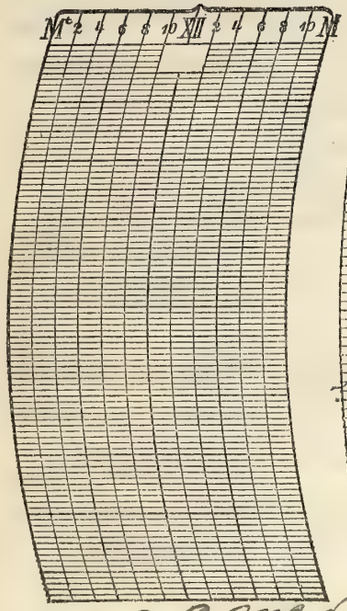
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

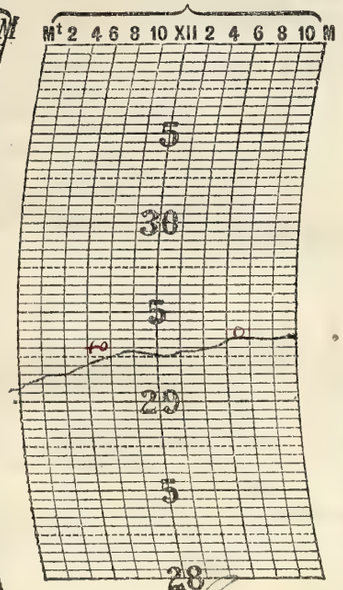
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.0 Wet temperature, 17.2
Dew-point, 9 R. humidity, 59 V. pressure, .060
Clouds: Amount, 8; Kind, St. Cu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.

NOTES.

Day generally Cloudy and Cold, with Snow flurries from 6:10 a.m. to 12:40 P.M.

Prepared by C. McDonough
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 14 1904, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	12	12	12	13	14	17	17	18	20	22	21
State of weather: Nature of precipitation and time of beginning and ending												Sn B 11:15
Amounts of precipitation												-
Cloudiness and other conditions						L	Cloudy	SLPHldy				
Sunshine (in tenths of hours)								0	0.6	1.0	0.6	0
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	SW	SW
Wind movement	7	7	5	4	7	8	10	13	15	17	20	21

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	25	27	29	30	31	32	31	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending	Sd E 12:10							Sn B 7:06			Sn E D.N P	
Amounts of precipitation	-							-	-	-	-	
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	21	15	14	14	13	12	11	12	11	12	11	12

Sunrise: Time, 7:03 Character, Cloudy
Moonrise: 2:09 p Cloudy

Sunset: Time, 4:41 Character, Cloudy
Moonset: 3:59 a ----

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	12	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.2 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 23
Prevailing wind direction, SW Total wind 792
Average hourly velocity, 12.2 Extreme velocity, 27
Maximum velocity, 26 Direction, SW
Time began, 12:09 PM
Reduced barometer, 30.31 7 a. m. 30.19 7 p. m.
River gage, 7.2 feet
Relative humidity, 80 7 a. m. 79 7 p. m.

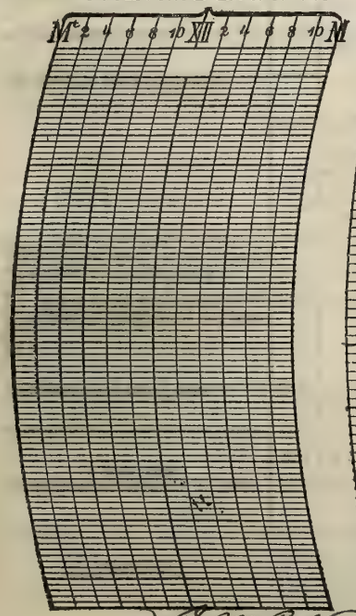
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

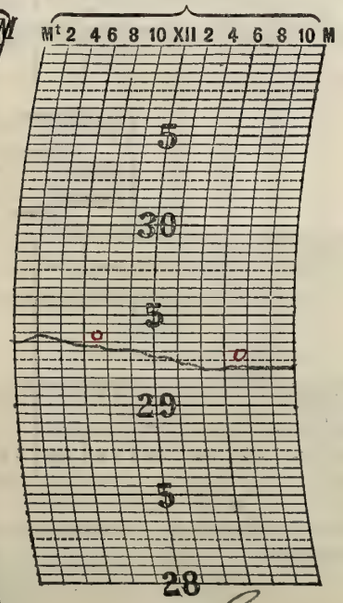
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.0 Wet temperature, 20.1
Dew-point, 15 R. humidity, 73 V. pressure, .081
Clouds: Amount, 10; Kind, St Cu; Direction, SW
Velocity of clouds (miles per hour)

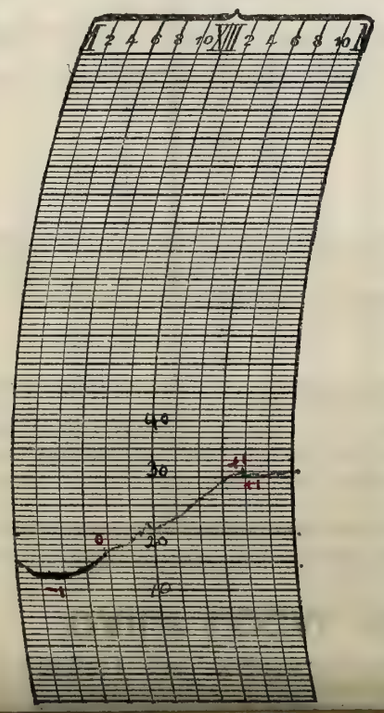
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Rising temperature and generally cloudy weather, with snow flurries in the midday hours and late evening and night.

Prepared by C. M. Donough
Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 19 1924, 192

Time (local standard), 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	32	32	32	32	33	33	33	34	32	31	28	26	25	23	22	21	21	20	19	15	11	9
State of weather: Nature of precipitation and time of beginning and ending				RB D.Na			RE 657 SM B 657												SM B 630					
Amounts of precipitation				--	--	--	--	-	-	-	-	-	-	-	-	-	-	-	—					
Cloudiness and other conditions																								

Cloudy — Clear ?

Sunrise: Time, 7:02; Character, Cloudy. Moonrise: 7:55 p, Cloudy.

Sunset: Time, 4:42; Character, Cloudy. Moonset: 4:57 a, Cloudy (?)

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	NW	N	N	N	N	N	NW	NW	NW	NW	NW	W	W
Wind movement	9	9	8	6	7	6	7	5	5	5	5	2	8	11	10	15	11	11	11	8	10	12	14	15
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

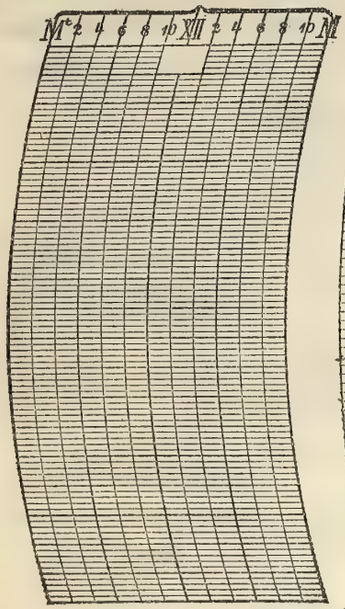
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	9	22	

Total depth of snow for 24 hours ending 7 p. m., 3.0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.4 inches.
Total snowfall, midnight to midnight, 3.0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .30 ins.
Total precipitation, midnight to midnight, .30 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0. Possible sunshine, hours, 9.7
Per cent of possible sunshine, 0
Prevailing wind direction, SW. Total wind, 210
Average hourly velocity, 8.8. Extreme velocity, 19
Maximum velocity, 18. Direction, NW
Time began, 3.28 p.m.
Reduced barometer, 30.14 7 a. m. 30.13 7 p. m.
River gage, 5.7 feet
Relative humidity, 95 7 a. m. 93 7 p. m.

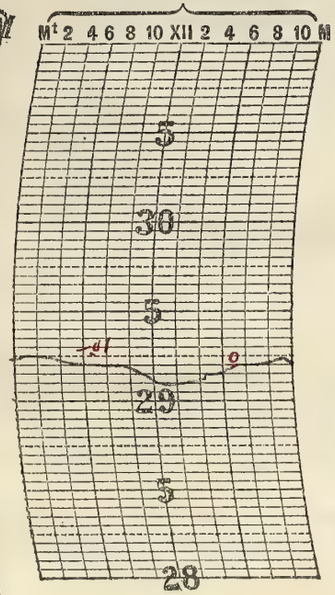
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0. Wet temperature, 31.9
Dew-point, 32. R. humidity, 99. V. pressure, 180
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

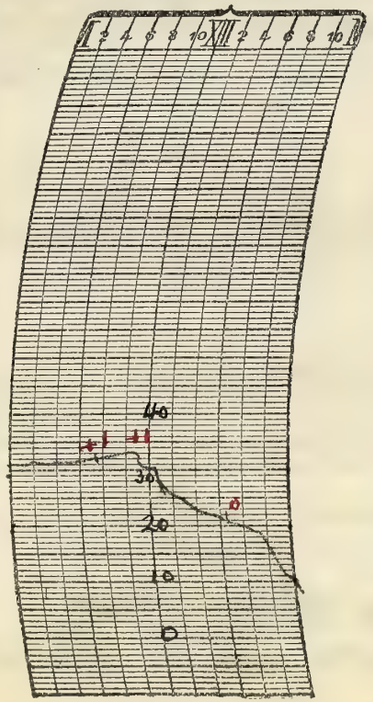
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. * Estimated.

A warning of a moderate cold wave was received at 9.45 a.m.

The rain that began during the night of the a.m., turned into wet snow at 6.57 a.m. The snow continued until 6:30 p.m. Much of the early snow melted as it came to the ground, causing slushy streets and sidewalks; the total fall was estimated at 3.0 inches.

The weather was moderately warm in the first half of day, but a change to colder took place after midday, the temperature falling steadily to the close of day, the late nights being unpleasantly cold.

Prepared by } C. McDonough
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) JAN 21 1904, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	6	4	1	0	−1	0	0	−1	0	2	3	3	3	2	1	−1	−4	−5	−4	−5	−6	−7	−7	−7
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)								0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.7 0							
Wind direction	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	W	W	W	W
Wind movement	12	9	9	9	15	16	13	11	10	11	15	19	18	16	14	16	13	11	12	11	14	16	15	11
Maximum velocities (exceeding 29 miles) direction and time																								

Cloudy — Clear

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 9:46 P Clear

Sunset: Time, 4:43 Character, Clear
Moonset: 5:43 A ---

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

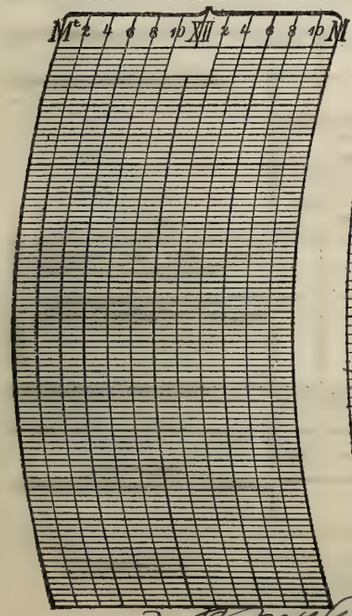
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
9	−7	1	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 2
Actual sunshine, hours, 8.6 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 89
Prevailing wind direction, W Total wind 316
Average hourly velocity, 13.2 Extreme velocity, 24
Maximum velocity, 23 Direction, W
Time began, 3:24 P.M.
Reduced barometer, 30.21 7 a. m. 30.28 7 p. m.
River gage, 3.9 feet
Relative humidity, 80 7 a. m. 76 7 p. m.

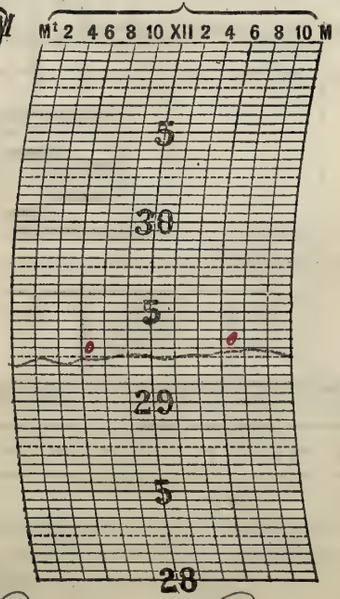
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 9.2 Wet temperature, 2.0
Dew-point, −5 R. humidity, 66 V. pressure, 0.29
Clouds: Amount, 1; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

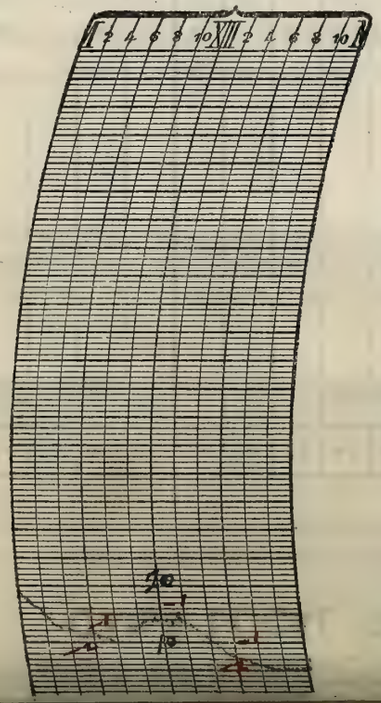
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by } P. McDonough
Verified by }

8—486

NOTES.

The cold wave morning of the 19th was fully verified. The temperature fell from 33°, 7 am of 19th to zero, 7 am this date.

Decreasing cloudiness from the early morning the day being generally clear.

Intensely cold, and unpleasant weather.

Streets snow-covered and icy; sidewalks icy here and there and generally slippery and difficult to travel.

FORM NO. 1012—Mar. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 21 1924, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-10	-11	-13	-12	-10	-10	-9	-10	-7	-5	-3	-2
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunrise: Time, Character,	7:01 Clear											
Moonrise:	4:42 p Clear											
Sunshine (in tenths of hours)								.98 0	.03 07	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	W	W
Wind movement	10	12	13	12	9	8	10	10	11	13	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	1	1	0	-2	-5	-7	-7	-9	-9	-9	-7	-2
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									← Cloudy 7			
Sunset: Time, Character,									4:44 Clear			
Moonset:									6:30 a Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.73 0							
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	14	14	14	16	15	13	13	10	11	10	11

State of weather.

Maximum velocities (exceeding 27 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
1	-13	-6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, full moon 6:57 p.m.
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.7 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 285
Average hourly velocity, 11.5 Extreme velocity, 19
Maximum velocity, 17 Direction, SW
Time began, 2:08 P.M.
Reduced barometer, 30.31 7 a. m. 30.49 7 p. m.
River gage, 3.9 feet
Relative humidity, 80 7 a. m. 56 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

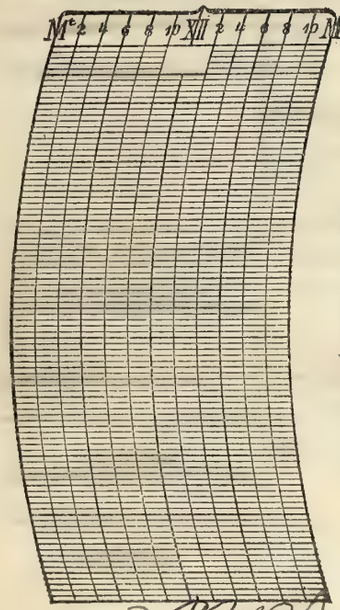
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

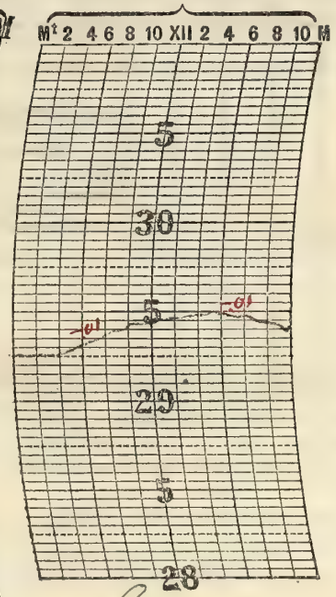
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, -2.0 Wet temperature, -3.6
Dew-point, -17 R. humidity, 43 V. pressure, .015
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

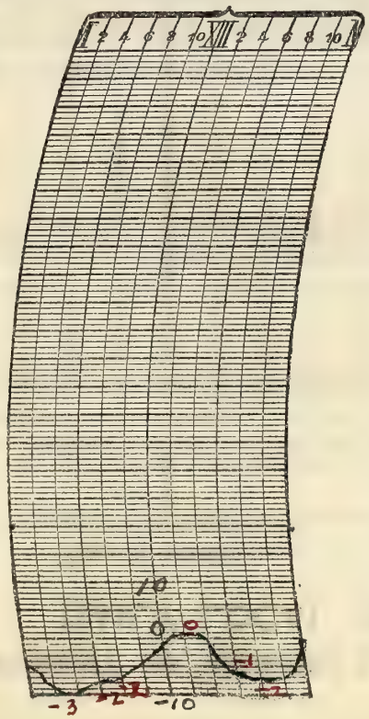
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Intensely cold, with lowest temperature 13° below zero at 3.30 am. Except between 1 and 3 pm, the temp was below zero throughout the day, but the weather changed to warmer at 10 pm, the temperature rising quite rapidly after that hour.

The day was cloudless, but clouds began to appear in the late night, the sky being overcast at 11:30 pm. Bright moon light in the early night, but the moon was partly obscured in the late night.

Streets and sidewalks icy and dangerous to travel.

Prepared by C. M. McDonough
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 22 1905, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	0	5	8	11	14	15	17	18	20	23	26	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					L	Cloudy		—	X	Pt. Cloudy	Clear	
Sunshine (in tenths of hours)								0	0	0.6	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	13	15	16	18	20	21	24	26	26	25	25
Maximum velocities (exceeding 29 miles) direction and time										30 SW 9:50		31 SW 11:17

Sunrise: Time, 7:00 Character, Cloudy
Moonrise: 5:42 p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	34	34	33	32	32	32	33	32	31	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	L	—	Clear		—	L	Pt. Cloudy		L			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	26	25	28	28	30	27	28	27	24	20	18	15
Maximum velocities (exceeding 29 miles) direction and time	30 SW 12:12		30 SW 2:12	31 SW 3:06	34 SW 4:10	30 SW 5:16	31 SW 6:15	30 SW 7:05				

Sunset: Time, 4:46 Character, Cloudy
Moonset: 7:13 a Cloudy

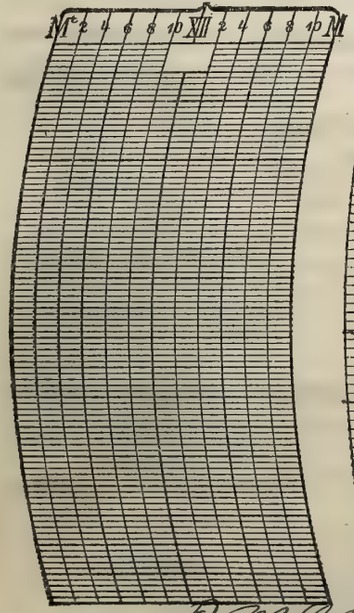
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	-2	16	

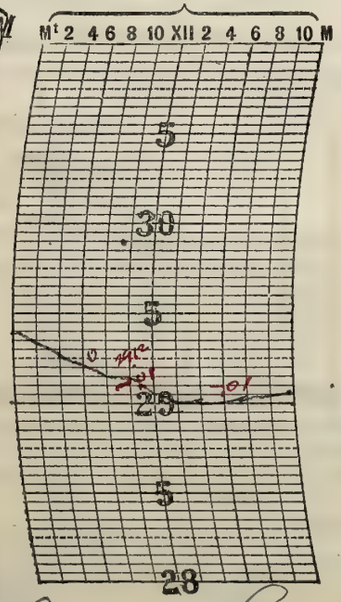
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 18 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.7 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 68
Prevailing wind direction, SW Total wind 537
Average hourly velocity, 22.4 Extreme velocity, 36
Maximum velocity, 34 Direction, SW
Time began, 4:10 P.M.
Reduced barometer, 30.16 7 a. m. 29.95 7 p. m.
River gage, 3.7 feet
Relative humidity, 71 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 29.3 Wet temperature, 25.5
Dew-point, 18 R. humidity, 58 V. pressure, .093
Clouds: Amount, 3; Kind, cst.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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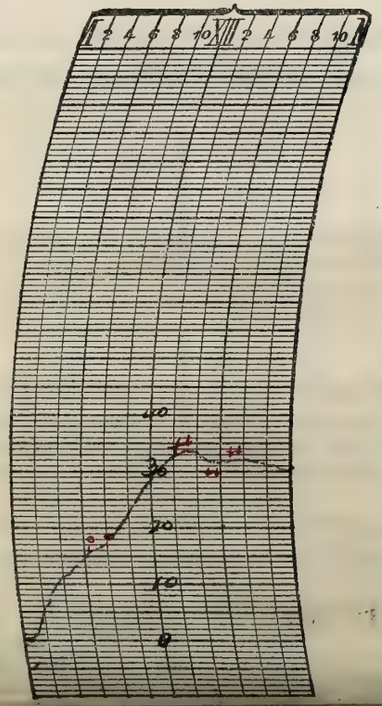


NOTES.

The temperature moderated considerably after midnight—a pleasant change from the intense cold that preceded. Day generally partly cloudy, with moonlight through broken clouds at night.

A lunar corona was observed at 7:10 p.m.

Considerable thawing during the day. Streets continued somewhat icy, as well as sidewalks.

Prepared by P. McDonough
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 15 1914, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	29	28	27	26	26	26	25	26	28	31	33	36	38	36	36	35	33	31	30	28	26	25	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					L		Cloudy						Pt. Cloudy					Clear					7	7
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	.78 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	SW	W	NW	W	NW	N	N	N	N	NE	NE
Wind movement	14	14	11	10	10	7	7	8	7	9	6	5	5	6	7	6	6	5	4	3	4	5	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.59 Character, Cloudy
Moonrise: 6.44 P Clear

Sunset: Time, 4.47 Character, Clear
Moonset: 7.53 a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

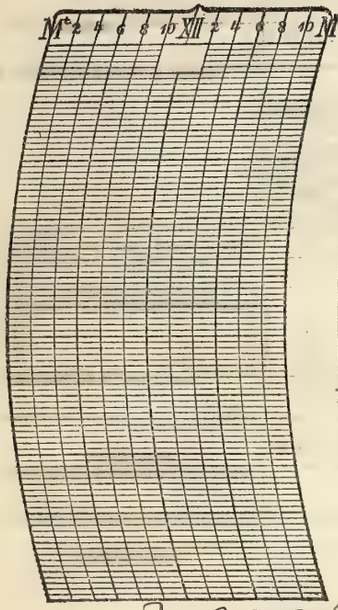
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	24	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.3 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 74
Prevailing wind direction, SW Total wind 170
Average hourly velocity, 7.1 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 12:01 am
Reduced barometer, 30.15 a. m. 30.30, p. m.
River gage, 3.7 put
Relative humidity, 88 a. m. 68 p. m.

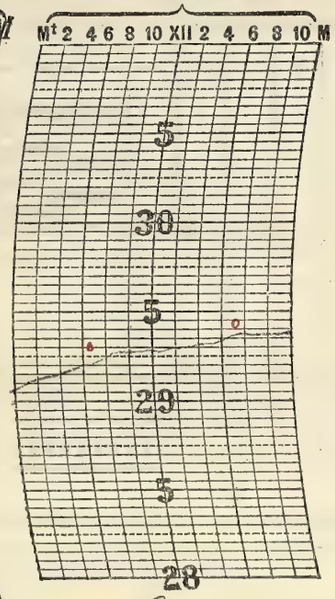
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.1 Wet temperature, 29.1
Dew-point, 22 R. humidity, 61 V. pressure, .113
Clouds: Amount, 5; Kind, Ast; Direction, W
Velocity of clouds (miles per hour)

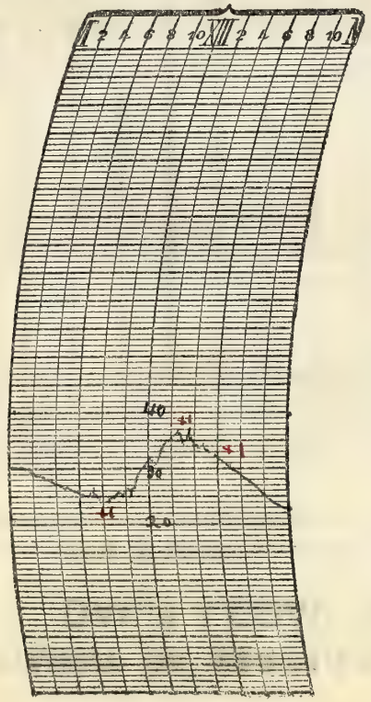
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Decreasing cloudiness from the a. m. observation. Day partly cloudy and night clear with moonlight. Moderate temperatures prevailed.

Considerable thawing. Streets and sidewalks slushy and slippery here and there.

Prepared by } P. McDonough
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wright, Ind., (Day of week) Wednesday, (Date) JAN 24 1923, 192

Time (local standard). 90' mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	20	19	18	18	18	19	20	24	27	30	31	32	33	33	33	32	31	31	31	31	31	31
State of weather: Nature of precipitation and time of beginning and ending																	SM 13 500 — Continued							
Amounts of precipitation																								
Cloudiness and other conditions					?	←					Cloudy													→

Sunrise: Time, 6.59 Character, Cloudy
Moonrise: 7:49 P. Cloudy

Sunset: Time, 4.48 Character, Cloudy
Moonset: 8.30 A. Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	E	E	E	E	E	E	E	SE	SE	E	E	E	NE	NE	E	E	E	S	SW	SW	SW
Wind movement	5	6	5	7	7	8	6	6	6	6	4	4	5	5	5	4	7	5	3	2	3	4	7	9
Maximum velocities (exceeding 29 miles) direction and time																								

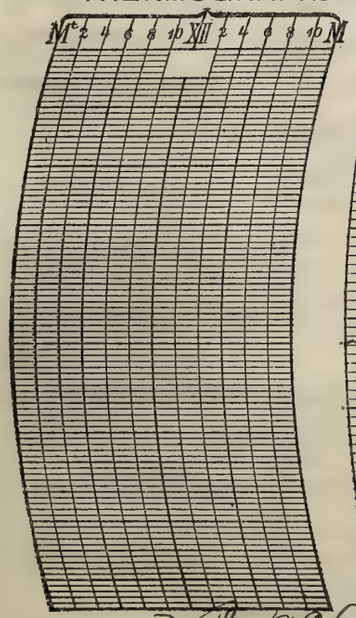
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	18	26	

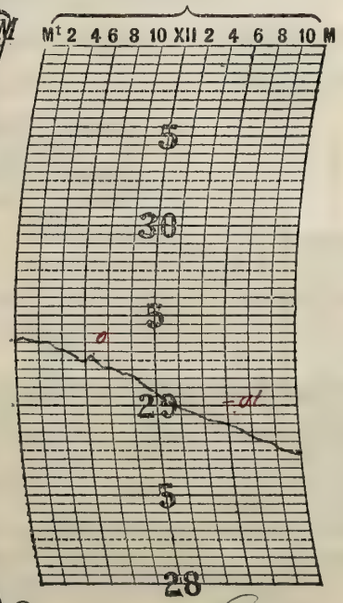
Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.
Snow, sleet, and hail on ground 7 p. m., 1.4 inches.
Total snowfall, midnight to midnight, 1.4 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.4 ins.
Total precipitation, midnight to midnight, 0.14 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 129
Average hourly velocity, 5.4 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 11:37 P.m.
Reduced barometer, 30.19 7 a. m. 29.79 7 p. m.
River gage, 3.4 feet
Relative humidity, 84 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 30.0 Wet temperature, 27.5
Dew-point, 23 R. humidity, 73 V. pressure, .118
Clouds: Amount, 10; Kind, St.; Direction, SE
Velocity of clouds (miles per hour)

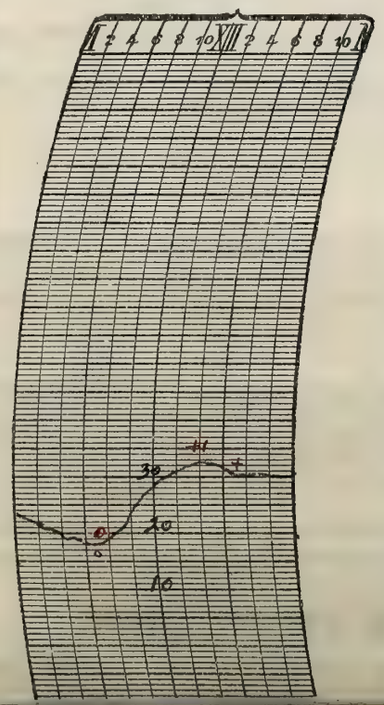
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. (Estimated)

Day generally overcast, with moist snow continued from 5:00 p.m. Some thawing with resultant slush.

Depth of snow to 7 p.m. 0.4 inch

The morning was cool, but the temperature did not vary much from freezing from noon to midnight. Rather unpleasant during the day.

Prepared by T. McDonough
Verified by

8—426

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 21 1904, 192

Time (local standard). 90th mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	33	33	33	30	31	29	25	22	18	16
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	SME DNa				SdB 8:05			SdE 11:15
Amounts of precipitation	–	–	–	–	–				–	–	–	–
Cloudiness and other conditions				L	—		Cloudy		—			
Sunrise: Time, Character	6.58 Cloudy											
Moonrise:	8.56 P. Clear											
Sunshine (in tenths of hours)							0	0	0	0	0	0.3
Wind direction	SW	SW	SW	W	W	NW	W	W	W	W	NW	NW
Wind movement	9	17	12	13	18	20	17	21	24	23	25	29
Maximum velocities (exceeding 40 miles) direction and time									32 NW 8.26		31 NW 8.28	35 NW 10.27

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	13	10	9	7	4	3	1	1	0	0	-2
State of weather: Nature of precipitation and time of beginning and ending			SdB 215 E 227									
Amounts of precipitation			– –									
Cloudiness and other conditions	8	–	8	Cloudy	–	7	Clear			1		
Sunset: Time, Character									4.49 Cloudy			
Moonset:									9.05 a Cloudy			
Sunshine (in tenths of hours)	0.4	1.0	1.0	0.6	0							
Wind direction	NW	NW	NW	W	W	W	W	W	W	W	W	W
Wind movement	29	31	29	25	22	17	17	15	15	15	12	13
Maximum velocities (exceeding 40 miles) direction and time	33 NW 12.20	37 W 1.55	31 W 2.27	30 W 3.55								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	-2	16	

Total depth of snow for 24 hours ending 7 p. m., 1.4 inches.
Snow, sleet, and hail on ground 7 p. m., 2.8 inches.
Total snowfall, midnight to midnight, 0.4 inches.
Precipitation to 7 a. m., .13 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.3 Possible sunshine, hours 9.8
Per cent of possible sunshine, 34
Prevailing wind direction, W Total wind 463
Average hourly velocity, 19.4 Extreme velocity, 40
Maximum velocity, 37 Direction, W
Time began, 1.55 p.m.
Reduced barometer, 29.65 7 a. m. 30.22 7 p. m.
River gage, 3.1 feet
Relative humidity, 84 7 a. m. 77 7 p. m.

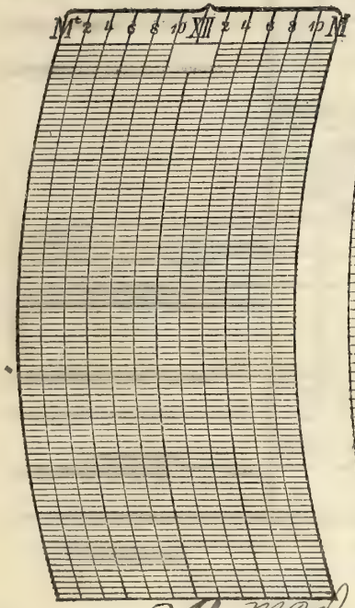
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

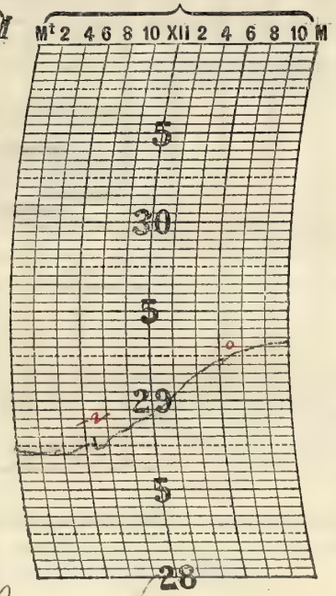
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 16.0 Wet temperature, 14.2
Dew-point, 9 R. humidity, 70 V. pressure, .060
Clouds: Amount, 9; Kind, St Cu.; Direction, NW
Velocity of clouds (miles per hour)

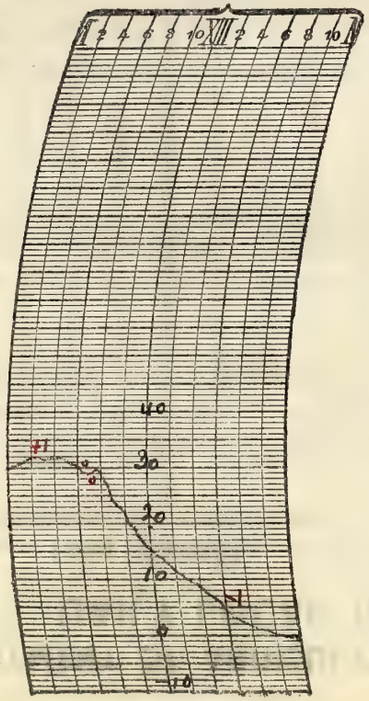
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold wave warning received at 9:10 a.m.; it indicated a fall in temperature to zero or five above.

The day opened warm for the season, but temperature fell steadily after the a. m. observation, reaching 3° above zero by the p.m. observation - Cloudy, disagreeable, and squally weather, with occasional snows. Night Clear with bright moonlight

Prepared by } W. McDonough
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-4	-5	-5	-5	-6	-5	-4	-3	-1	0	2	4	5	6	6	6	6	5	5	4	4	2	2	1
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Clear																							
Sunshine (in tenths of hours)							·05 0	·09 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	·75 0.1							
Wind direction	W	W	W	SW	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SWSW	
Wind movement	15	14	14	14	13	14	14	14	14	17	17	16	18	15	18	16	13	10	8	7	6	7	8	8

Sunrise: Time, 6.59 Character, Clear
Moonrise: 10:02 P Clear
Sunset: Time, 4.51 Character, Clear
Moonset: 9:38 a Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

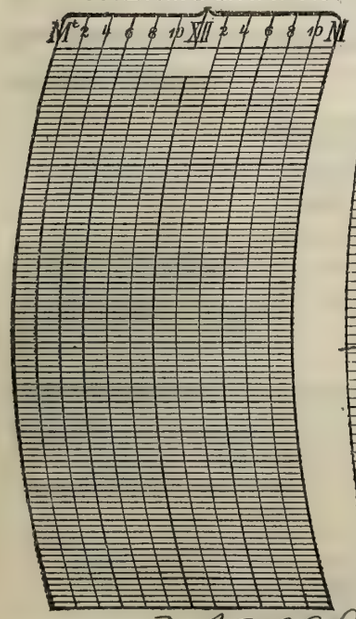
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
7	-6	0	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 27 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.9 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind 310
Average hourly velocity, 12.9 Extreme velocity, 25
Maximum velocity, 23 Direction, W
Time began, 12:14 P.M.
Reduced barometer, 30.39 7 a. m. 30.57 7 p. m.
River gage, 3.1 feet
Relative humidity, 80 7 a. m. 69 7 p. m.

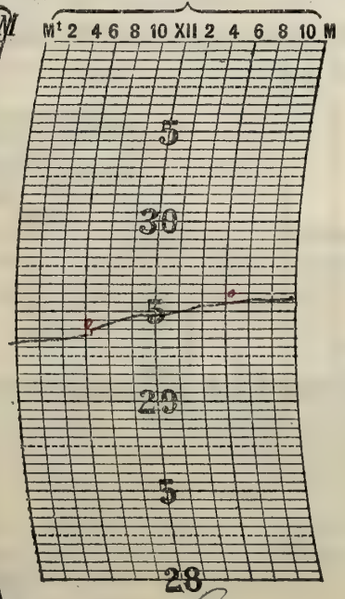
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49 Wet temperature, 39
Dew-point, -1 R. humidity, 74 V. pressure, ·036
Clouds: Amount, few; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

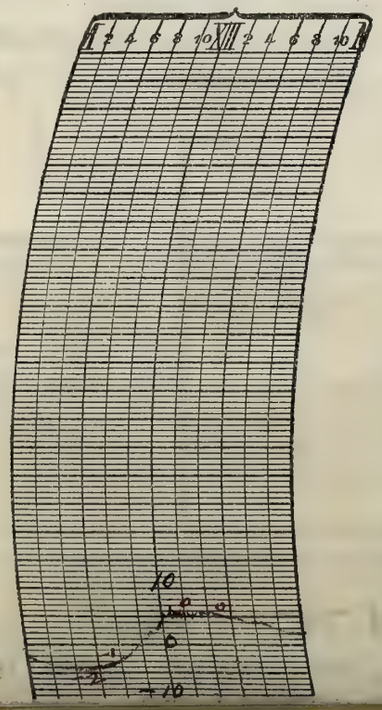
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The cold wave warning of the 25th was fully verified, the temperature falling to 6° below zero in the early morning.

Clear, intensely cold, and unpleasant weather.

Bright moonlight in the late night.

Icy streets and sidewalks.

Prepared by P. McDonough
Verified by

R—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 27 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	0	0	1	0	0	1	2	4	8	11	13	15	18	20	22	21	20	18	17	18	20	21	22	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					L—Pt Cloudy								Clear					Pt Cloudy	Cloudy					
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	.02 .08	.87 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SE	SE	SE	SE	SE	SE	S	SE
Wind movement	9	9	6	8	8	8	8	6	5	8	8	12	10	9	8	8	6	5	5	4	7	9	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:56 Character, Cloudy
Moonrise: 11:10 P Cloudy?
Sunset: Time, 4:52 Character, Clear
Moonset: 10:12 a Clear

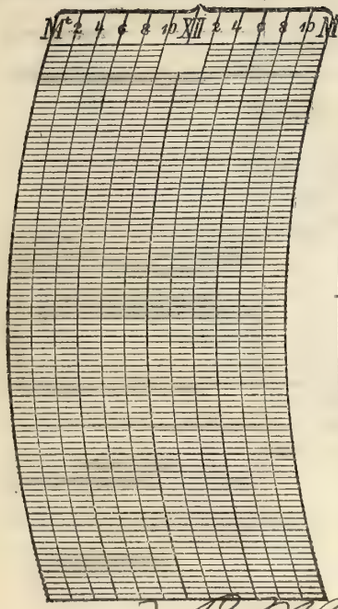
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	0	11	

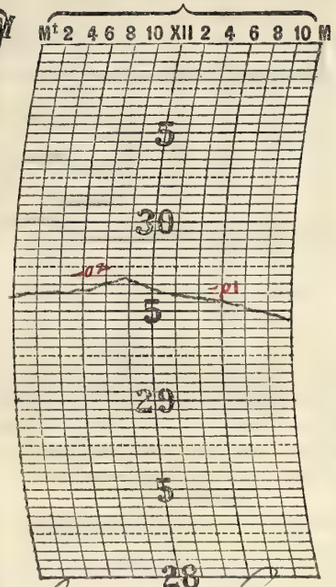
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.5 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 86
Prevailing wind direction, SW Total wind 178
Average hourly velocity, 7.4 Extreme velocity, 14
Maximum velocity, 13 Direction, SW
Time began, 11:38 a.m.
Reduced barometer, 30.61 7 a. m. 30.51 7 p. m.
River gage, 2.7 feet
Relative humidity, 88 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 14.8 Wet temperature, 12.0
Dew-point, 1 R. humidity, 51 V. pressure, .040
Clouds: Amount, 1; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

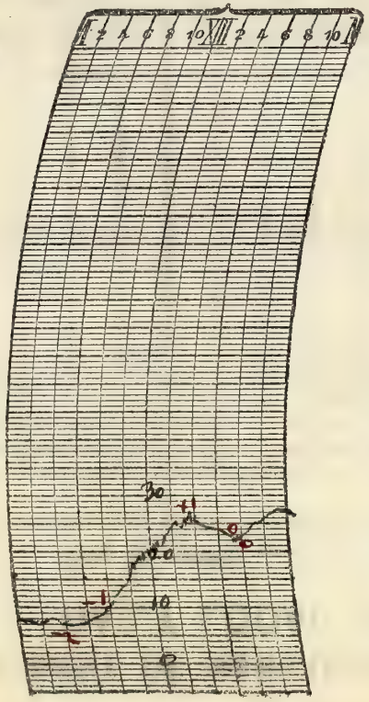
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moonlight in the early morning hours.
Cloudiness in the morning and night, but daylight hours generally clear.
Rising temperature during the day, pleasant and invigorating.
Streets and sidewalks somewhat icy.

Prepared by C. M. Donnegan
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 28 1912, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	21	22	22	26	30	33	34	37	39	38
State of weather: Nature of precipitation and time of beginning and ending												FR 1143
Amounts of precipitation												- -
Cloudiness and other conditions						L	Cloudy				Cloudy	L
Sunrise: Time, Character,	655 Cloudy											
Moonrise:	- - -		- -									
Sunshine (in tenths of hours)							0	0	0	0.1	0.9	0.1
Wind direction	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	6	6	9	11	14	15	15	16	17	16	20	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	37	37	38	38	38	38	38	38	38	38
State of weather: Nature of precipitation and time of beginning and ending												UN.P.
Amounts of precipitation												- -
Cloudiness and other conditions				Cloudy					7			
Sunset: Time, Character,	453 Cloudy											
Moonset:	10:47a. Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	18	16	17	17	16	13	13	14	15	10	9

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

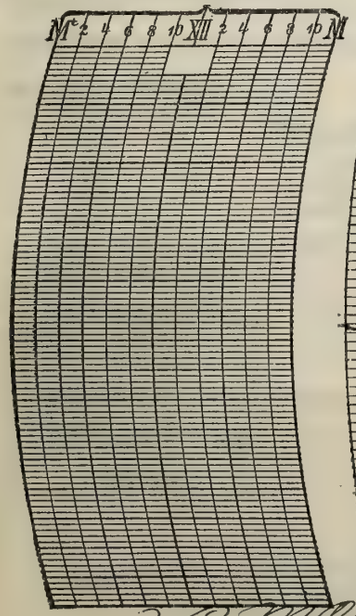
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	21	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.3 ins.
Total precipitation, midnight to midnight, 0.05 inches.
Character of day, Cloudy Moon phase, Last Q 11:53 P.M.
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.1 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 11
Prevailing wind direction, SW Total wind, 340
Average hourly velocity, 14.2 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 10:34 am
Reduced barometer, 30.26 7 a. m. 30.27 7 p. m.
River gage, 2.6 feet
Relative humidity, 67 7 a. m. 91 7 p. m.

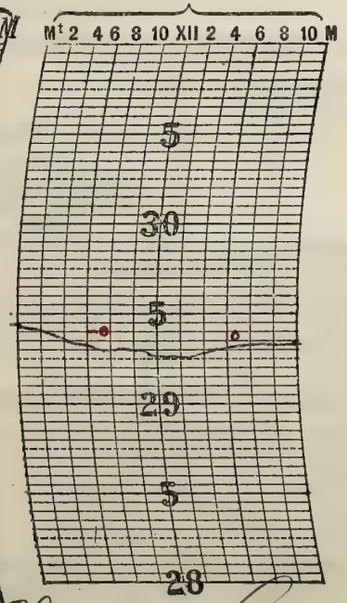
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.0 Wet temperature, 35.2
Dew-point, 31 R. humidity, 77 V. pressure, .172
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

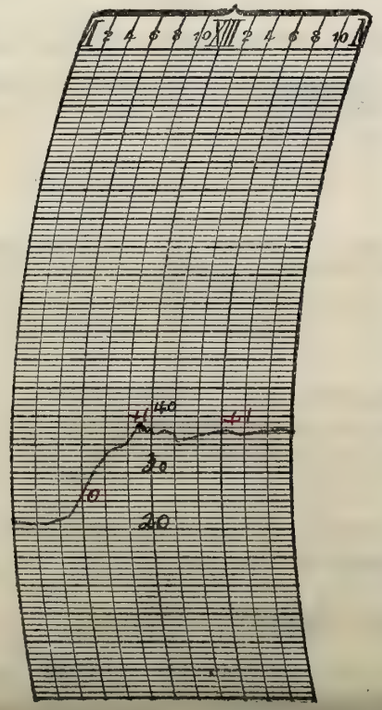
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light, drizzling rain which began at 11:43 am continued until the late night.

Mild temperature continued throughout the day.

There was considerable thawing, leaving parts of streets and parts of sidewalks icy, slippery, and dangerous to travel.

A very unpleasant day for moving about, due to wet and slushy streets.

Prepared by } C. M. Donough
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 24 1911, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	36	36	36	36	36	36	36	36	38	39	42	43	43	42	41	41	41	41	41	41	41	40
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:15	-	-	-	-	-	RE 11:30
Amounts of precipitation																		-	-	-	-	-	-	-
Cloudiness and other conditions				1	Dense		Fog						X					Cloudy						7

Sunrise: Time, 6.55 Character, Foggy
Moonrise: 12:17 a Cloudy (?)
Sunset: Time, 4.54 Character, Cloudy
Moonset: 11:24 a Foggy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	10	10	10	9	9	9	9	9	8	11	10	10	10	11	10	9	8	7	9	10	9	10	12	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

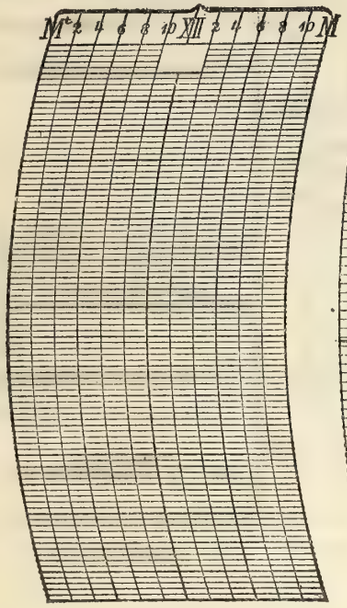
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	36	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, 0.32 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 100
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 229
Average hourly velocity, 9.5 Extreme velocity, 16
Maximum velocity, 16 Direction, SW
Time began, 10:47 P.M.
Reduced barometer, 30.26 7 a. m. 30.01 7 p. m.
River gage, 3.2 feet.
Relative humidity, 100 7 a. m. 92 7 p. m.

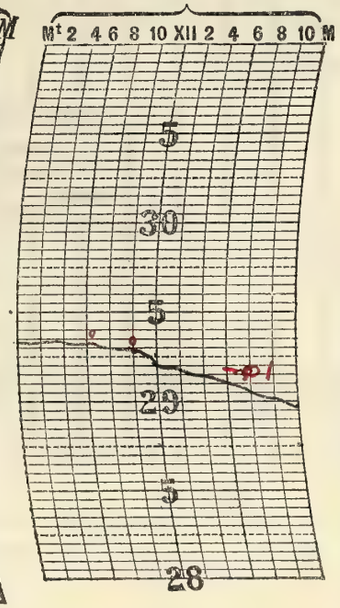
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.1 Wet temperature, 38.0
Dew-point, 37 R. humidity, 91 V. pressure, .217
Clouds: Amount, 10; Kind, Dense Fog; Direction, S
Velocity of clouds (miles per hour)

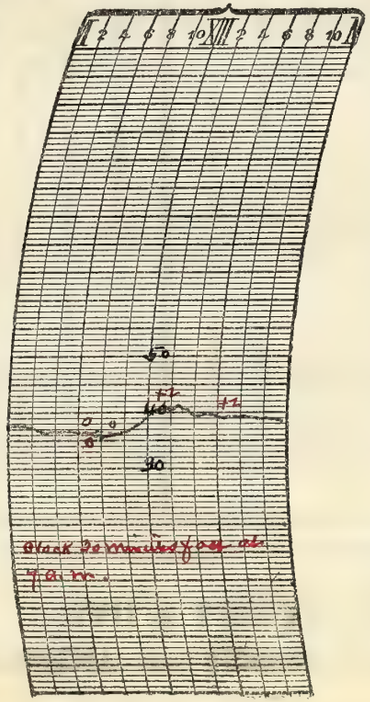
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A trace of snow on ground at 7 a.m.
Dense fog began during night of a.m. and ended at 12:40 p.m. Buildings visible at a distance of about 600 feet.
Mild temperature; thawing continued, snow disappearing during the day, and ice on streets practically melted.
Rain from 5:15 p.m. to 11:30 p.m.
While mild, the weather was rather unpleasant.

Prepared by } J. M. Hornaday
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 30 1924, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	36	36	36	36	36	34	34	35	33	34	35	35	37	36	36	36	35	36	36	36	36	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←						Cloudy							→				
Sunrise: Time, Character,	6.54 Cloudy																				Sunset: Time, Character,	4.55 Cloudy		
Moonrise:	1:26 a Cloudy				?																Moonset:	12:06 p Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0.4	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	W	W	W	W
Wind movement	9	10	9	8	11	11	13	12	13	10	13	11	11	10	11	9	9	6	8	7	5	5	5	3
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

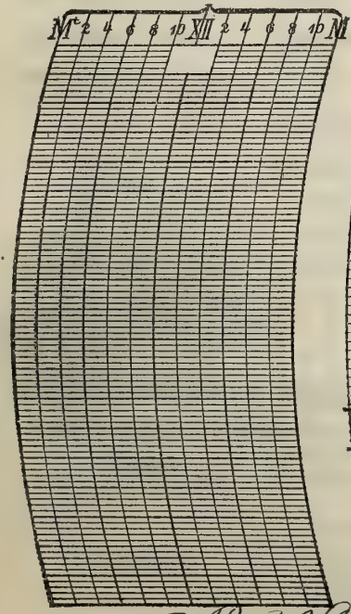
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	33	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .30 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.4 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 4
Prevailing wind direction, W Total wind 219
Average hourly velocity, 9.1 Extreme velocity, 19
Maximum velocity, 17 Direction, W
Time began, 8:30 am
Reduced barometer, 29.93 7 a. m. 30.00 7 p. m.
River gage, 9.8 feet
Relative humidity, 91 7 a. m. 93 7 p. m.

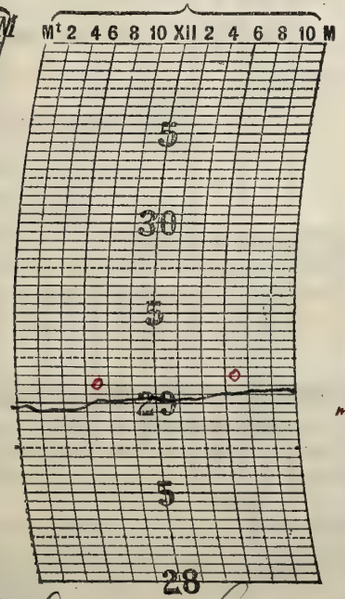
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.6 Wet temperature, 33.5
Dew-point, 32 R. humidity, 90 V. pressure, .180
Clouds: Amount, 10; Kind, St.; Direction, W
Velocity of clouds (miles per hour)

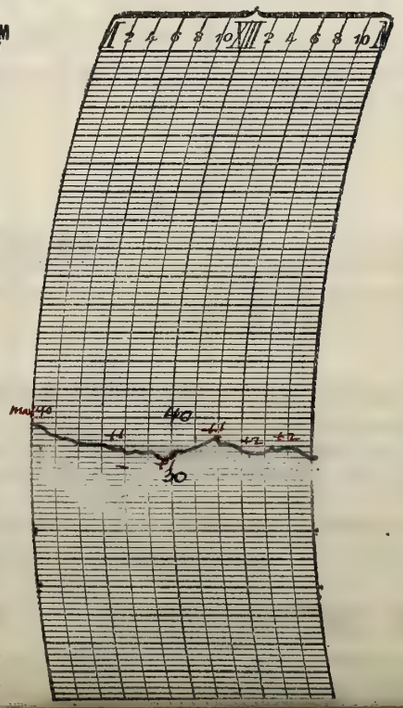
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Mild, Cloudy, and generally pleasant weather.

Prepared by J. P. McDonough

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 31 1924, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	29	27	26	26	26	28	30	32	34	34	36	34	33	33	33	33	32	32	32	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0	0	0	0.5	0.7	1.0	0.2	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	S	S	SE	SE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	3	4	4	3	2	2	2	2	2	2	3	4	4	5	5	6	7	6	8	8	7	8	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Cloudiness and other conditions: Foggy (A. M.); Light fog; Cloudy (P. M.); Clear; Cloudy

Sunrise: Time, 6.53; Character, Foggy

Moonrise: 2.34 a; Cloudy(?)

Sunset: Time, 4.57; Character, Cloudy

Moonset: 12.52 p; Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

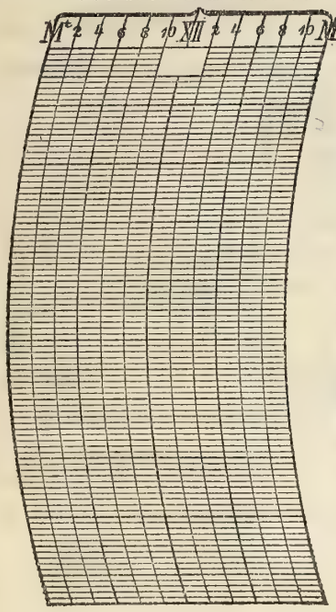
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	25	30	

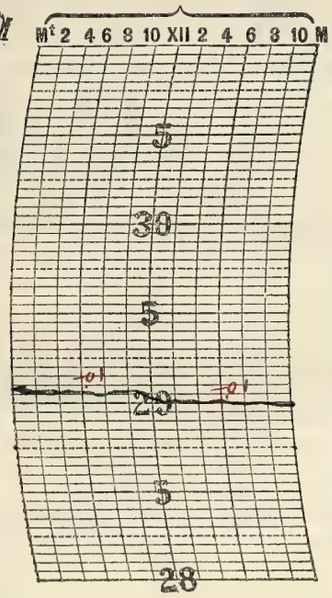
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.4 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 24
Prevailing wind direction, E Total wind 109
Average hourly velocity, 4.5 Extreme velocity, 9
Maximum velocity, 9 Direction, E
Time began, 6:25 p.m.
Reduced barometer, 29.99 7 a. m. 29.94 7 p. m.
River gage, 10.5 feet
Relative humidity, 100 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 35.0 Wet temperature, 33.0
Dew-point, 30 R. humidity, 82 V. pressure, 164
Clouds: Amount, 10; Kind, St; Direction, SE
Velocity of clouds (miles per hour)

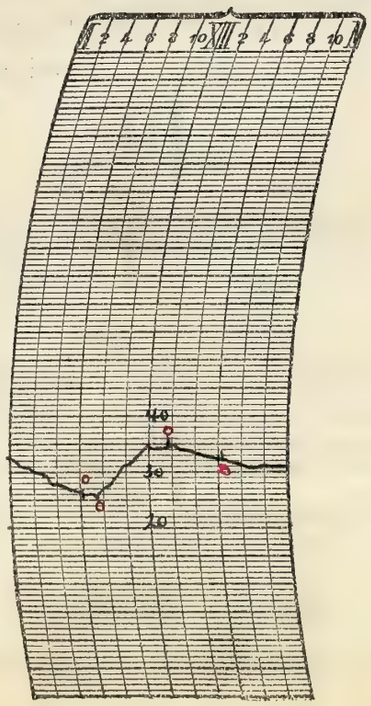
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dense fog began 4.15 a.m. and ended 10:15 a.m.; light fog prevailed from 10:15 a.m. till 11:30 a.m. From 6:15 a.m. till 8:30 a.m. the fog was so thick that buildings at a distance of 100 feet were not visible. It was denser at the surface of the ground than at some distance above the ground.

The weather of the day was mild and pleasant with light winds.

Prepared by } P. McDonough
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana, (Day of week) Friday, (Date) February 1, 1924

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	32	32	31	31	31	31	30	32	35	37	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				L	—	Cloudy		—	H	—		Pt Cloudy
Sunshine (in tenths of hours)								0	09	08	1.0	1.0
Wind direction	NE	NE	E	NE	NE	NE	NE	NE	NE	E	NE	NE
Wind movement	7	6	6	5	6	5	5	6	5	4	4	4

Sunrise: Time, 657 Character, Cloudy
Moonrise: 3:39a —

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	46	47	47	45	44	42	38	32	33	33	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy				H	Clear	H	Cloudy	L			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.67 03							
Wind direction	NE	NW	NW	NW	W	W	W	W	NW	NW	NW	NW
Wind movement	3	6	5	7	5	3	4	7	12	8	9	8

Sunset: Time, 458 Character, Clear
Moonset: 1:46p Cloudy

Maximum velocities (exceeding 74 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

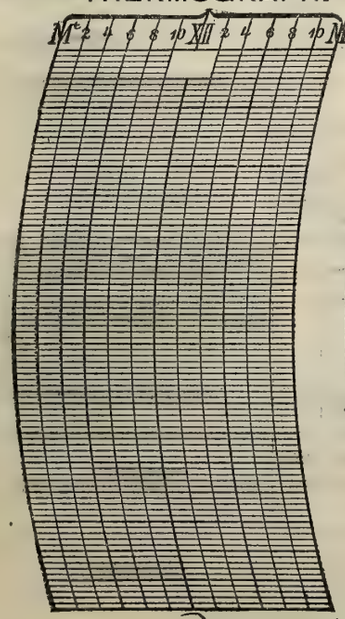
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.7 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 86
Prevailing wind direction, NE Total wind 140
Average hourly velocity, 5.8 Extreme velocity, 16
Maximum velocity, 16 Direction, NW
Time began, 8:17 PM
Reduced barometer, 29.91 7 a. m. 29.94 7, p. m.
River gage, 96 feet
Relative humidity, 89 7 a. m. 73 7 p. m.

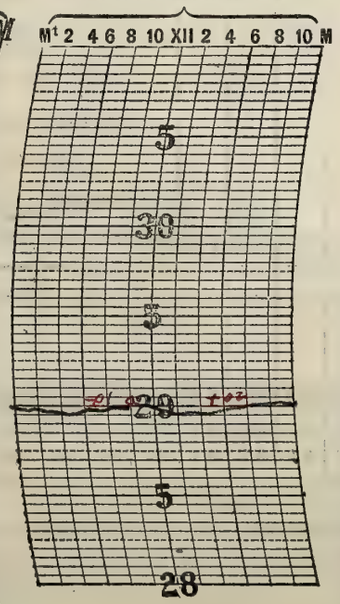
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.0 Wet temperature, 37.5
Dew-point, 33 R. humidity, 73 V. pressure, .187
Clouds: Amount, 6; Kind, A St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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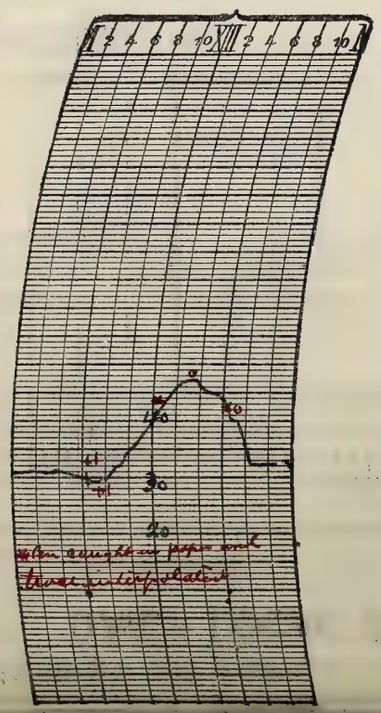


NOTES.

The weather was warm for the season, partly cloudy during daylight hours, and quite pleasant.

Prepared by } C. McDonough
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 2 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	33	32	31	31	31	31	31	30	31	33	34	35	36	35	35	36	36	35	35	37	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					L	—	—	—	—	—	—	Cloudy	—	—	—	—	—	—	—	T		L+fog		
Sunrise: Time, Character,	6.51 Cloudy																				Sunset: Time, Character,	4.59 Cloudy		
Moonrise:	4.41a Cloudy?																				Moonset:	2.44 p Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	S
Wind movement	8	9	7	9	11	11	11	10	12	15	17	15	18	13	13	11	9	6	8	8	5	3	1	2
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	30	34	

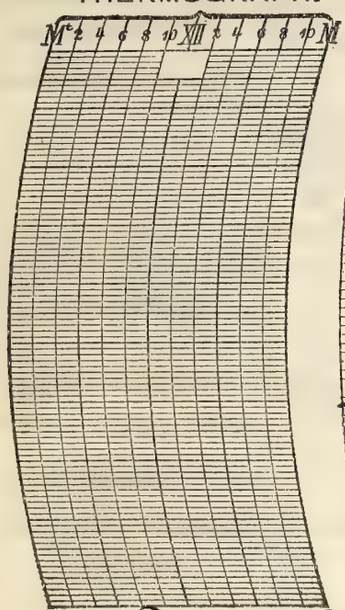
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 232
Average hourly velocity, 9.7 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 10:14 a.m.
Reduced barometer, 29.92 7 a. m. 29.83 7 p. m.
River gage, 8.1 feet
Relative humidity, 80 7 a. m. 91 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

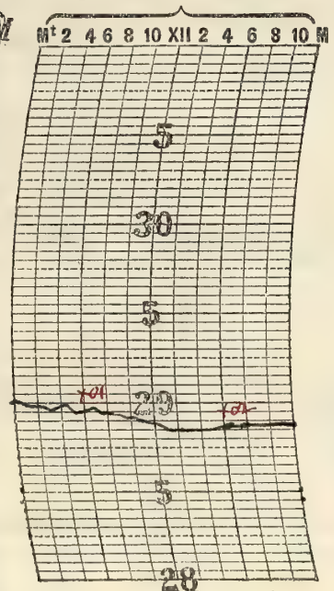
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.1 Wet temperature, 32.3
Dew-point, 32 R. humidity, 92 V. pressure, .180
Clouds: Amount, 10; Kind, St.; Direction, SW
Velocity of clouds (miles per hour)

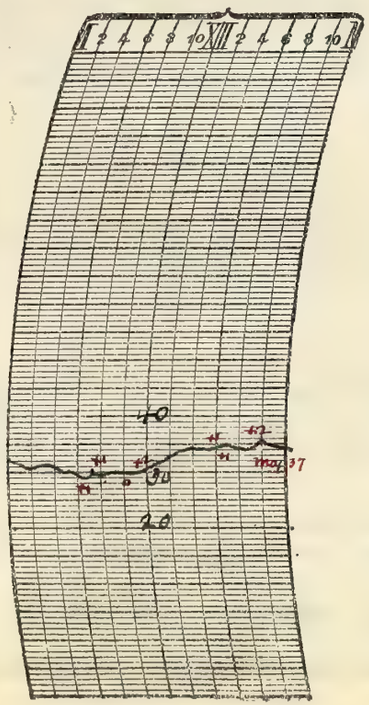
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy and mild weather, with light fog continued from 9:30 p.m.

Prepared by P. McDonough
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	34	33	33	34	34	34	36	39	42	43	44	42	39	37	36	35	35	35	35	34	34
State of weather: Nature of precipitation and time of beginning and ending																		RB 9:40	RE 6:25					
Amounts of precipitation																		T	T					
Cloudiness and other conditions		2L	Fog	7	7L	Dense	Fog	7L	—	Pt. Cloudy	—	7L	—	Cloudy						—	7			

Sunrise: Time, 6:50; Character, Foggy
Moonrise: 5:36 a Foggy (?)
Sunset: Time, 5:01; Character, Cloudy
Moonset: 3:46 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	0	0	0						
Wind direction	SE	SE	SE	SE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	3	3	3	5	8	7	8	7	8	9	11	11	11	13	14	17	18	17	18	17	15	15	14	14
Maximum velocities (exceeding 29 miles) direction and time																								

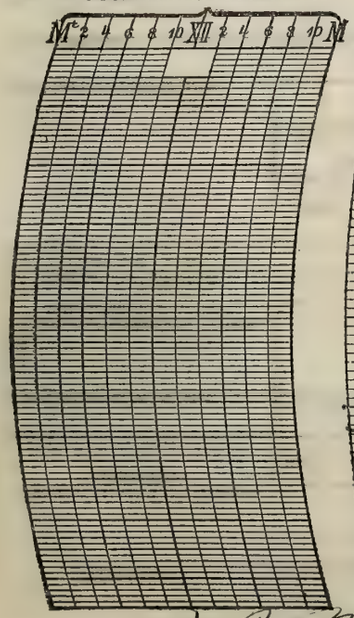
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	33	39	

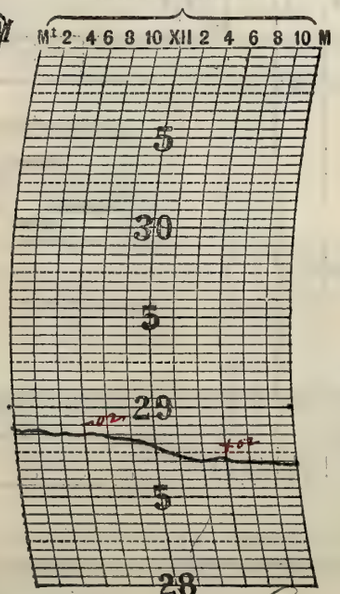
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.5 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 54
Prevailing wind direction, E Total wind 266
Average hourly velocity, 11.1 Extreme velocity, 22
Maximum velocity, 21 Direction, E
Time began, 6:49 p.m.
Reduced barometer, 29.81 7 a. m. 29.66 7 p. m.
River gage, 7.9 feet
Relative humidity, 100 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 42.0 Wet temperature, 40.0
Dew-point, 38 R. humidity, 85 V. pressure, .228
Clouds: Amount, 7; Kind, St.; Direction, W
Velocity of clouds (miles per hour) _____

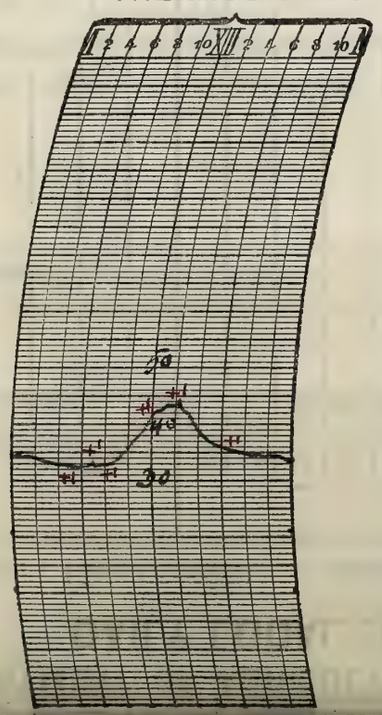
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog which continued from the 2d ended 2 a.m.

Dense fog began 2 a.m. and ended 9:20 am. The visibility during dense fog was about 800 feet.

Mild temperatures and generally cloudy weather prevailed. Rather unpleasant penetrating east winds. High humidity.

Prepared by } C. M. Donnegh
Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Monroe Va., (Day of week) _____, (Date) FEB 4 1911, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	31	31	31	31	31	32	32	31	31	31	30	30	30	30	30	30	29	29	29	28	28
State of weather: Nature of precipitation and time of beginning and ending								RB 8:15	--	--	-	-	--	RE 1:40			RB 4:35	-	-	-	-	-	-	-
Amounts of precipitation								-	—	—	-	—	-	—			-	-	—	—	—	-	—	—
Cloudiness and other conditions													Cloudy											

Sunrise: Time, 6:49 Character, Cloudy
Moonrise: 6:24 a Cloudy
Sunset: Time, 502 Character, Cloudy
Moonset: 4:52 P. Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	NE	NE	E	E	E	E
Wind movement	13	16	14	13	14	15	16	18	16	15	18	14	13	15	13	16	13	12	15	14	15	14	10	10

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

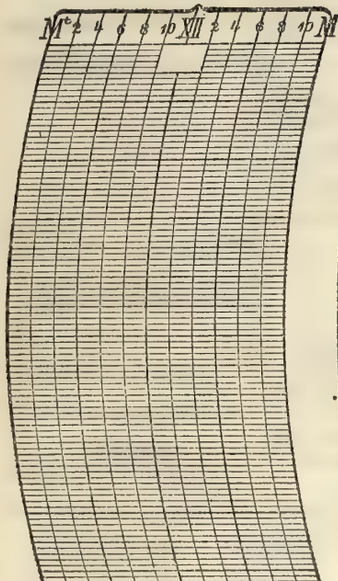
Excessive precipitation, accumulated amounts.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	28	31	

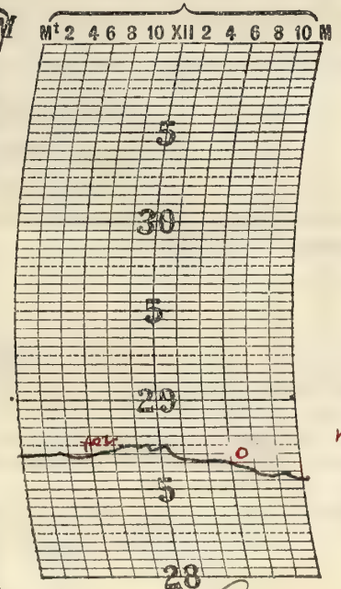
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 20 ins.
Total precipitation, midnight to midnight, .30 inches.
Character of day, Cloudy Moon phase, New Moon 7:38 p.m.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 342
Average hourly velocity, 14.2 Extreme velocity, 24
Maximum velocity, 22 Direction, NE
Time began, 7:38 am
Reduced barometer, 29.66 7 a. m. 29.52 7 p. m.
River gage, 8.7 feet
Relative humidity, 84 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 31.2 Wet temperature, 29.9
Dew-point, 28 R. humidity, 86 V. pressure, 150
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

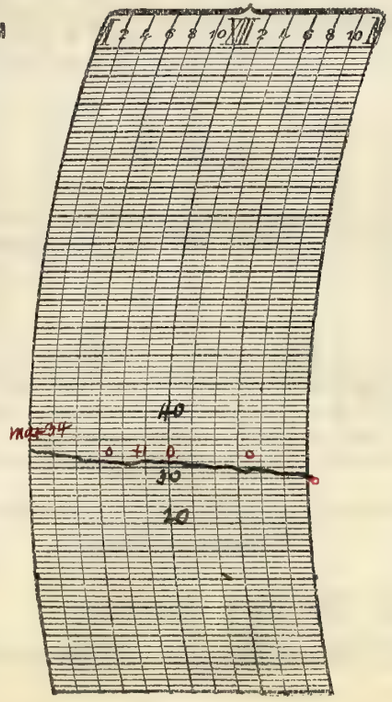
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by } S. McDonough.
Verified by

8—486

NOTES. Estimated.

Although the temperature did not rise above freezing, rain fell during the greater part of the day, freezing and forming a coat of ice on the roof equipment, but not on the streets or sidewalks in down-town sections until evening. At night a black glaze covered the streets and sidewalks making it difficult to travel. Street car service and traction service interfered with to some extent. The day as a whole was decidedly unpleasant.

Light floating ice.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	29	30	31	32	32	33	33	33	34	36
State of weather: Nature of precipitation and time of beginning and ending		PE D.N.a										
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, Character,	6.48 Cloudy											
Moonrise:	7.14 a Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	O	E	E	E	O	SE	E	E	E	SE	E
Wind movement	2	0	6	9	2	0	1	2	1	2	2	2

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	36	35	35	33	32	29	28	28	27	26
State of weather: Nature of precipitation and time of beginning and ending			R.B 2.05			RE 5.05 SMB 5.05					SME D.N.	
Amounts of precipitation			—	—	—	—	—	—	—	—	—	
Cloudiness and other conditions			Cloudy									
Sunset: Time, Character,									5.03 Cloudy			
Moonset:									5.52 p Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	5	7	9	11	14	20	20	18	16	17	18

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

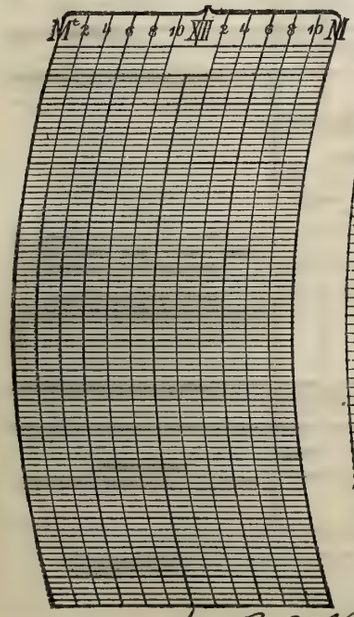
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	26	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .10 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 187
Average hourly velocity, 7.8 Extreme velocity, 27
Maximum velocity, 24 Direction, S
Time began, 6:18 P.M.
Reduced barometer, 29.43 7 a. m. 29.57 7 p. m.
River gage, 9.0 feet
Relative humidity, 95 7 a. m. 90 7 p. m.

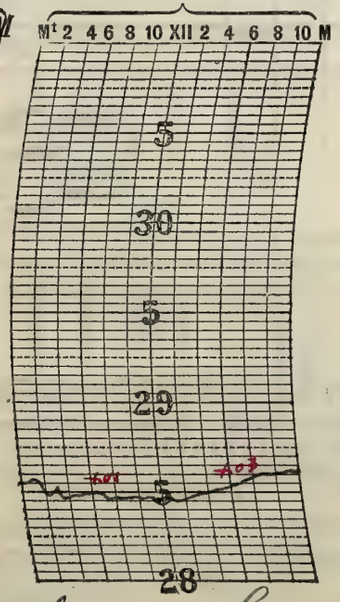
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.5 Wet temperature, 36.0
Dew-point, 36 R. humidity, 95 V. pressure, .211
Clouds: Amount, 10; Kind, St; Direction, S
Velocity of clouds (miles per hour)

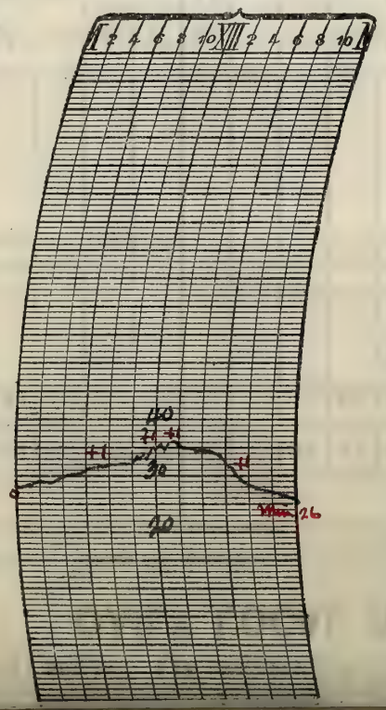
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. * Estimated

The streets and sidewalks covered with black glaze in the morning, but thawing caused it to disappear by 10 am.

There was but little variation in the temperature during the day. Rain which began at 2:05 pm turned to snow at 5.05 pm. The snow consisted of flurries. The day as a whole was rather unpleasant.

Wire trouble due to glaze - Telegraph, telephone, power, and lights were affected to a considerable extent.

Prepared by } P. McDonough
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) [illegible], 192

Time (local standard) 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	25	23	22	20	20	20	19	19	18	18	21	21	21	21	21	21	21	20	20	20	20	20	19
State of weather: Nature of precipitation and time of beginning and ending				sd 8 p. N a	—	—	—	—	Continued				—	—	—	—	—	—	—	—	—	—	—	—
Amounts of precipitation																								
Cloudiness and other conditions					L							Cloudy												
Sunrise: Time, Character	6.47 Cloudy																				Sunset: Time, Character	3.04 Cloudy		
Moonrise:	7.44 a Cloudy																				Moonset:	7.01 P Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0	0.3	1.0	0.1	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	W	W
Wind movement	18	18	17	19	16	16	20	18	17	19	20	20	19	20	17	17	13	14	15	13	13	11	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	18	22	

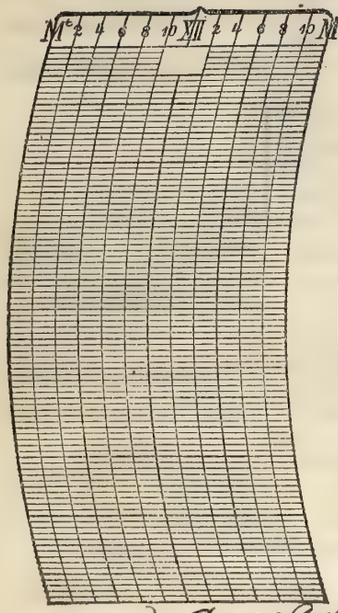
Total depth of snow for 24 hours ending 7 p. m., 0.7 inches.
Snow, sleet, and hail on ground 7 p. m., 0.7 inches.
Total snowfall, midnight to midnight, 0.9 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.4 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 14
Prevailing wind direction, SW Total wind 392
Average hourly velocity, 16.3 Extreme velocity, 28
Maximum velocity, 27 Direction, SW
Time began, 7:50 am
Reduced barometer, 29.69 7 a. m. 29.98 7, p. m.
River gage, 9.0 feet
Relative humidity, 91 7 a. m. 91 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

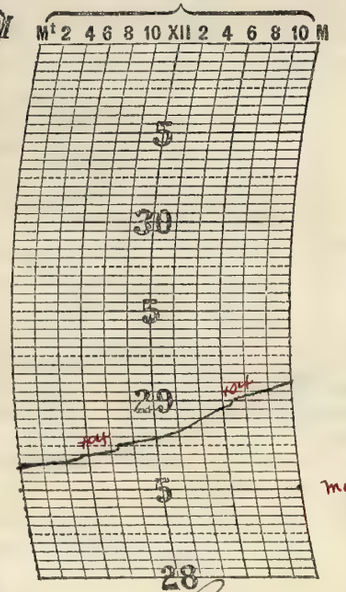
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.8 Wet temperature, 18.8
Dew-point, 14 R. humidity, 71 V. pressure, 0.77
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

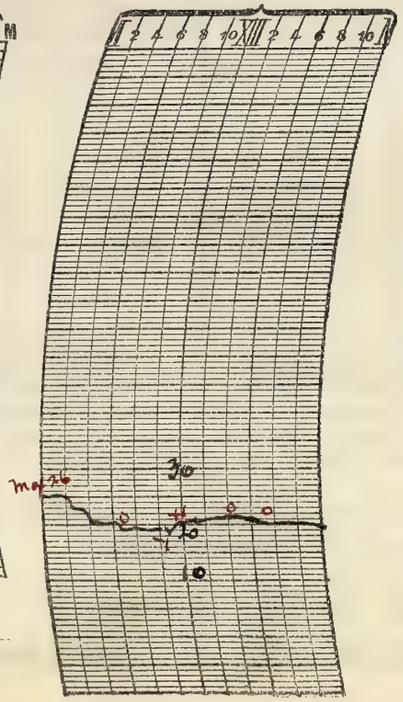
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. Estimated

The snowfall to 7 am was 0.2 inch and occurred after midnight; to 7 pm, 0.7 inch; and to midnight (estimated) 0.9 inch.

The day was unpleasantly cold, with snow flurries.

Prepared by } C. M. Donough
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	18	17	16	16	18	17	16	18	20	22	22	23	22	22	21	20	20	20	20	20	20	20
State of weather: Nature of precipitation and time of beginning and ending			5d continued				–	–	–	– 5d E 9:15							5d B 4:20	–	–	–	–	–	–	–
Amounts of precipitation																								
Cloudiness and other conditions											Cloudy													
Sunrise: Time, Character,	0:45 Cloudy																							
Moonrise:	8:17 a Cloudy																							
Sunset: Time, Character,																					5:05 Cloudy			
Moonset:																					8:03 p Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.3	1.0	1.0	1.0	1.0	0.5	0	0	0						
Wind direction	W	W	W	W	W	W	W	SW	SW	W	W	SW	W	W	W	W	W	W	SW	W	W	W	W	W
Wind movement	9	9	9	10	10	9	10	11	11	10	11	12	12	11	12	10	9	9	8	8	8	7	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

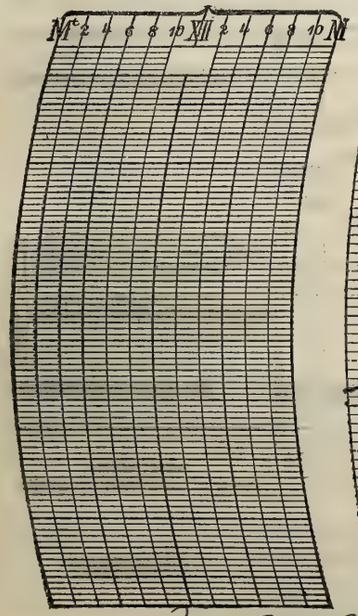
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	16	20	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow, sleet, and hail on ground 7 p. m., 1.1 inches.
Total snowfall, midnight to midnight, 0.4 inches.
Precipitation to 5 a. m.; 0.3 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.3 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 4.8 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 47
Prevailing wind direction, W Total wind 227
Average hourly velocity, 9.5 Extreme velocity, 17
Maximum velocity, 16 Direction, W
Time began, 12:52 P.M.
Reduced barometer, 30.18 7 a. m. 30.37 7 p. m.
River gage, 8.0 feet
Relative humidity, 84 7 a. m. 79 7 p. m.

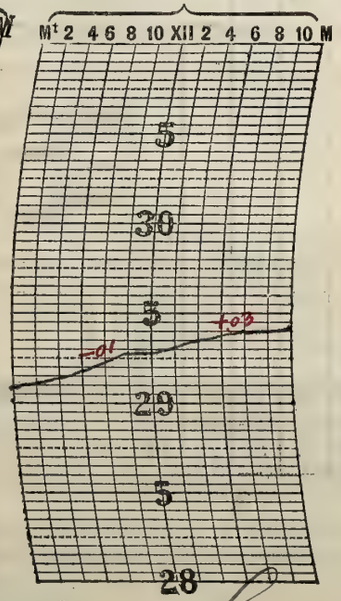
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.2 Wet temperature, 20.0
Dew-point, 14 R. humidity, 69 V. pressure, .077
Clouds: Amount, 3; Kind, Cu a St; Direction, NW
Velocity of clouds (miles per hour)

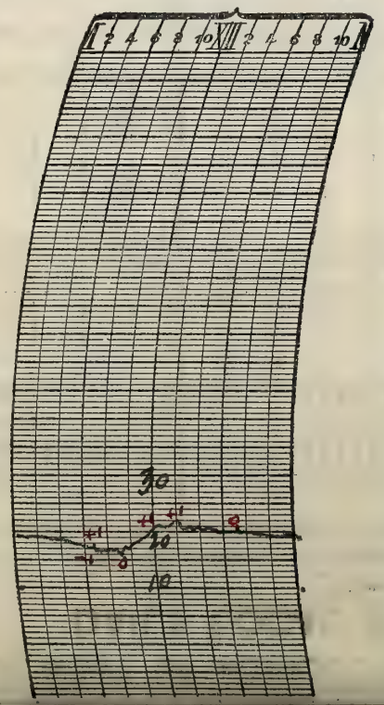
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by } C. McDonough
Verified by

NOTES.

⊗ Sunshine through rifts in clouds. ∅ Estimated.

Depth of unmelted snow during the 12 hours ending 7 am 0.5; 7 am to 7 pm, a trace; and from midnight to midnight, estimated at 0.4 inch.

The day was generally cloudy, with snow flurries, cool, and somewhat unpleasant. Light floating ice.

2—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 1928, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	19	19	19	18	17	16	17	18	19	22
State of weather: Nature of precipitation and time of beginning and ending		SP F D. Na.										
Amounts of precipitation												
Cloudiness and other conditions			7		Cloudy			X	Clear			
Sunshine (in tenths of hours)							0	0.7 0.2	1.0	1.0	1.0	1.0
Wind direction	W	W	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	6	5	5	5	7	6	5	5	6	7	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	24	24	25	23	22	22	21	19	19	19	19
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								7
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3 0.7	0.12 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	9	8	9	9	10	6	5	4	4	3	3	2

Sunrise: Time, 6:44 Character, Cloudy
Moonrise: 8:48 a Clear
Sunset: Time, 5:07 Character, Clear
Moonset: 9:04 p Clear

Maximum velocities (exceeding 70 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

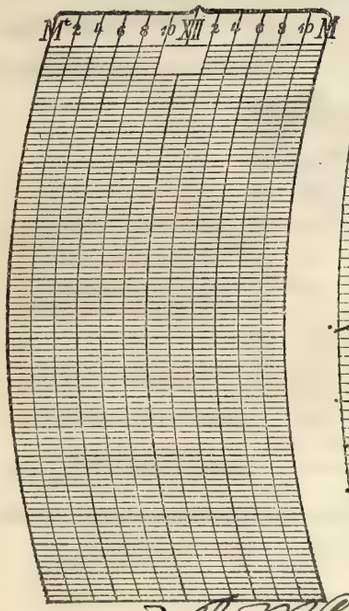
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	16	20	

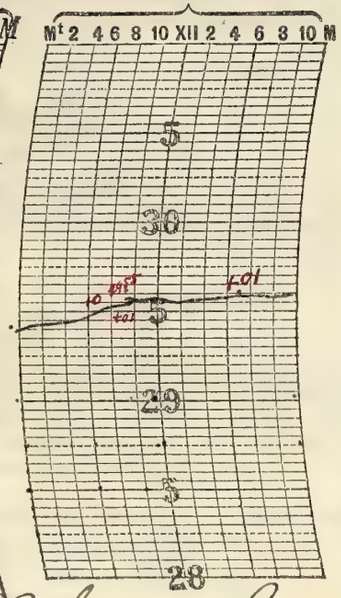
Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0.7 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, *T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.0 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 96
Prevailing wind direction, NW Total wind 145
Average hourly velocity, 6.0 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 4:30 P.M.
Reduced barometer, 30.46 7 a. m. 30.57 7 p. m.
River gage, 6.2 feet
Relative humidity, 84 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 22.0 Wet temperature, 19.0
Dew-point, 11 R. humidity, 59 V. pressure, .266
Clouds: Amount, 2; Kind, 2; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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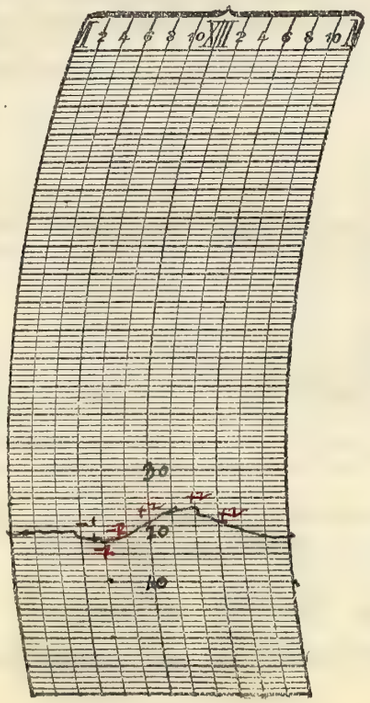


Prepared by } C. McDonough
Verified by

8—486

NOTES. * Estimated.

Depth of snowfall to 7 am. 0.1 inch
Cloudy in the early morning but clouds broke up quickly after the am. showering the sky becoming clear at 7:30 am, and remaining clear throughout the day. Slight moonlight from an increasing moon at night. Some thawing during the day. Quite pleasant, with moderate temperatures for the season.
Light floating ice.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Saturday, (Date) [illegible], 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	18	19	19	21	21	22	24	25	27	26
State of weather: Nature of precipitation and time of beginning and ending											SW B 10:35	
Amounts of precipitation											--	--
Cloudiness and other conditions					L						Cloudy	
Wind direction	W	W	SW	SW	S	S	S	S	S	S	S	S
Wind movement	3	2	5	6	7	9	8	11	13	15	17	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	31	32	32	31	30	29	30	31	32	33	29
State of weather: Nature of precipitation and time of beginning and ending	SW E 12:20				SW B 4:50	Continued						
Amounts of precipitation	--				-	-	-	-	-	-	-	-
Cloudiness and other conditions												
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	W	NW
Wind movement	17	18	19	17	19	20	20	17	22	18	14	24

Sunrise: Time, 6:43; Character, Cloudy. Moonrise: 9:18 a, Cloudy.

Sunset: Time, 5:08; Character, Cloudy. Moonset: 10:03 p, Cloudy.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.3	0	0	0	0	0						
Maximum velocities (exceeding 29 miles) direction and time												31 NW 11:30

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	18	26	

Total depth of snow for 24 hours ending 7 p. m., .04 inches.
Snow, sleet, and hail on ground 7 p. m., 1.0 inches.
Total snowfall, midnight to midnight, 1.14 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.3. Possible sunshine, hours, 10.4
Per cent of possible sunshine, 3
Prevailing wind direction, S. Total wind 337
Average hourly velocity, 14.0. Extreme velocity, 33
Maximum velocity, 31. Direction, NW
Time began, 11:30 pm
Reduced barometer, 30.47 7 a. m. 30.00 7 p. m.
River gage, 5.0 feet
Relative humidity, 64 7 a. m. 94 7 p. m.

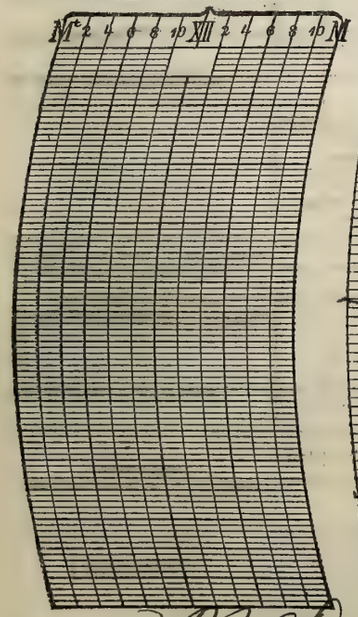
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

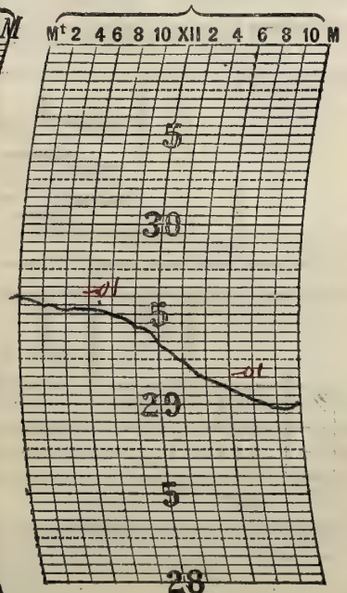
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 26.1. Wet temperature, 25.0
Dew-point, 23. R. humidity, 87. V. pressure, .118
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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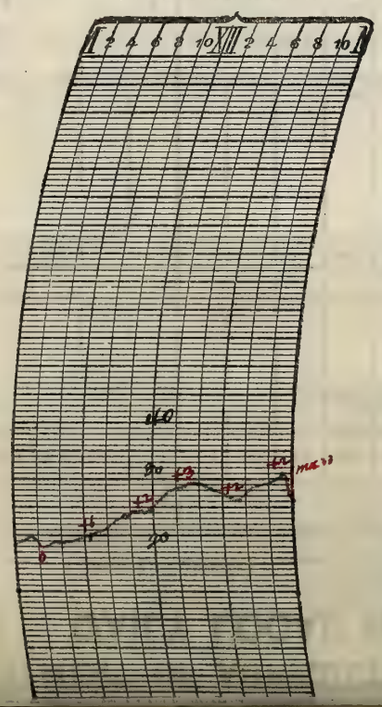


Prepared by P. McDonough,
Verified by

NOTES. Estimated.

Light floating ice in river.

The eastern sky just before sunrise presented a beautiful appearance, the clouds being highly colored in red and yellow.

The day was cloudy, with light snow at the late forenoon, afternoon and night. There was considerable drifting at night. Mild temperatures prevailed, but the weather was unpleasant, especially at night.

The depth of snow from 7 a.m. to 7 p.m. was 0.4 inch, and to midnight it was estimated as 1.4 inches.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) [illegible], 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	29	28	26	26	26	27	26	25	26	27
Nature of precipitation and time of beginning and ending	--	5m E 130										
Amounts of precipitation	--	---										
Cloudiness and other conditions		—		Cloudy				—				
Sunshine (in tenths of hours)							0	0	0	04	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	W	W	W	NW	NW	W	W
Wind movement	23	19	19	20	17	18	15	15	18	22	20	19

Sunrise: Time, 6:42; Character, Cloudy. Moonrise: 9:47 a; Cloudy.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	30	33	34	33	31	30	28	28	28	27	26
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6 (04 .15)	0						
Wind direction	W	W	W	W	W	W	SW	SW	W	W	W	W
Wind movement	17	17	14	14	9	8	9	10	4	9	11	8

Sunset: Time, 5:09; Character, Clear. Moonset: 11:01 p; Clear.

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

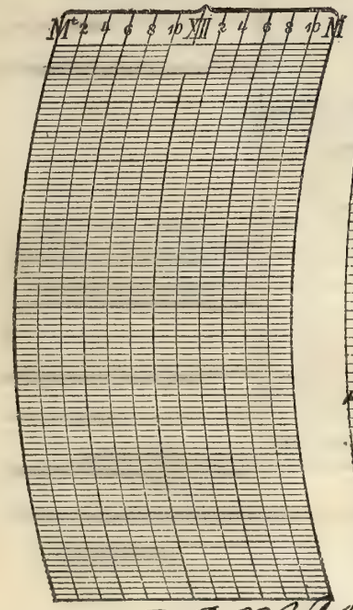
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	25	30	

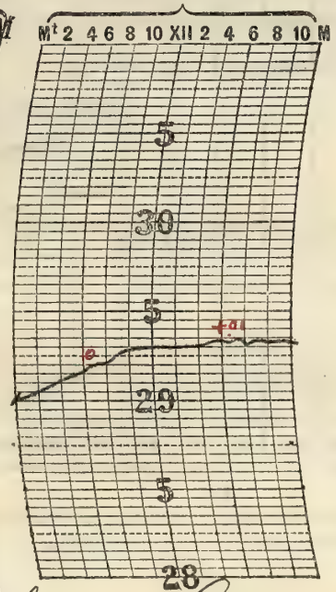
Total depth of snow for 24 hours ending 7 p. m., 1.0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.6 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 1.10 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.6 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 73
Prevailing wind direction, W Total wind 360
Average hourly velocity, 15.0 Extreme velocity, 28
Maximum velocity, 27 Direction, NW
Time began, 12:27 a.m.
Reduced barometer, 30.14 7 a. m. 30.29 7 p. m.
River gage, 5.0 feet
Relative humidity, 88 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 27.4 Wet temperature, 24.4
Dew-point, 18 R. humidity, 65 V. pressure, .093
Clouds: Amount, 1; Kind, Cu; Direction, NW.
Velocity of clouds (miles per hour)

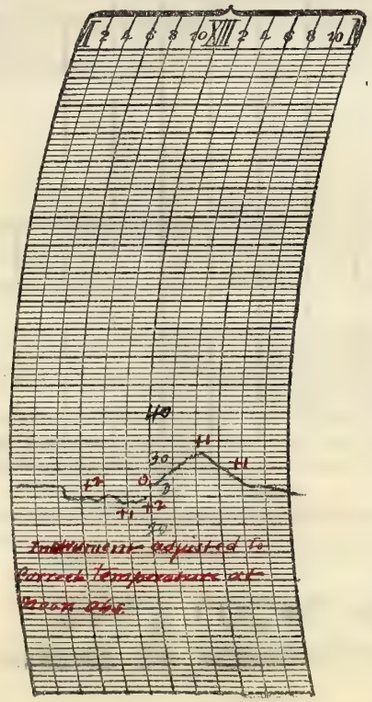
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by P. M. Donough
Verified by

8—486

NOTES.

From 7 pm of 9th to 7 am the snowfall was 1.0 inch.

The day opened cloudy, but the clouds began to break up after the a. m. observation and clear this prevailed from about 11 am. The temperature change was small during the day. As a whole the weather could be considered rather pleasant and invigorating.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Monday, (Date) [illegible], 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	23	22	23	24	26	30	32	35	35	34	32	32	33	33	33	33	33	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending													Sm B 1255	–	–	–	Sm E 410		Sm B 615	–	–	–	Sm E 8.N.P.	
Amounts of precipitation																								
Cloudiness and other conditions			?		Pt Cloudy								Cloudy											

Sunrise: Time, 6:41 Character, Cloudy

Moonrise: 10:17 a Cloudy

Sunset: Time, 5:10 Character, Cloudy

Moonset: 11:58 P Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0.1	0.3	0	0	0	0	0	0						
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	S	S	SW	SW	SW	SW	W	W	W	W
Wind movement	6	9	11	11	12	10	11	10	12	13	14	17	17	18	15	17	14	15	15	12	11	14	11	14
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

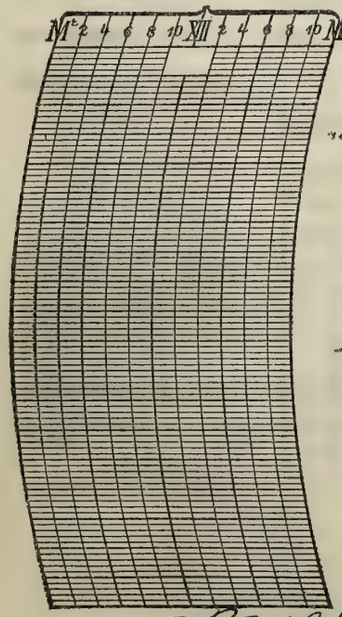
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	22	28	

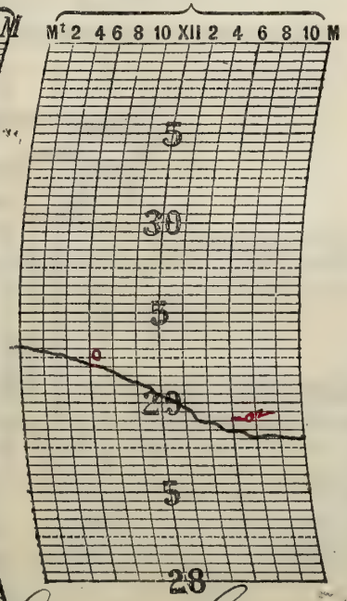
Total depth of snow for 24 hours ending 7 p. m., 0.7 inches.
Snow, sleet, and hail on ground 7 p. m., 2.1 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.7 ins.
Total precipitation, midnight to midnight, 0.08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.4 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 4
Prevailing wind direction, SW Total wind 309
Average hourly velocity, 12.9 Extreme velocity, 30
Maximum velocity, 28 Direction, SW
Time began, 1:00 P.M.
Reduced barometer, 30.15 7 a. m. 29.74 7 p. m.
River gage, 4.2 feet
Relative humidity, 77 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 34.8 Wet temperature, 30.0
Dew-point, 22 R. humidity, 56 V. pressure, .113
Clouds: Amount, 10; Kind, STCU; Direction, SW
Velocity of clouds (miles per hour)

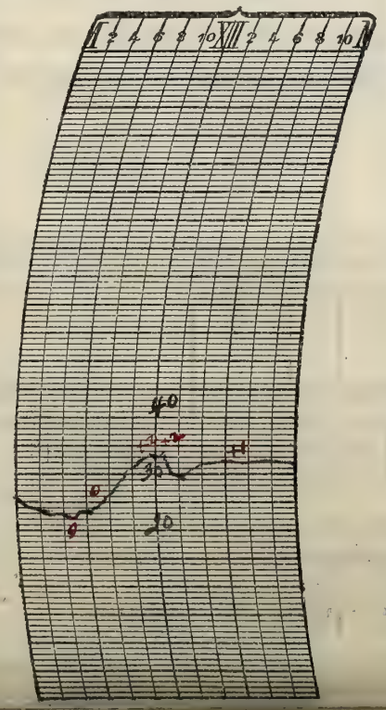
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. Estimated.

Light snow in the afternoon and night

Total snowfall 7 am to 7 pm 0.7 inch

Total snowfall Midnight to Midnight 0.8 inch.

Partly cloudy in the early morning but day generally cloudy. Moderate temperature with small range.

Prepared by C. McDonough

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 11 1908, 192

Time (local standard) 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	32	32	32	32	31	31	31	32	32	32	32	31	31	30	29	29	29	29	28	28	26	25
State of weather: Nature of precipitation and time of beginning and ending				5m B 2.N	- -	—	5m E 6.45							5m B 1.50	5m E 2.30									
Amounts of precipitation																								
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)							0	0	0	0.8	0.3	0	0	0	0	0	0	0						
Wind direction	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	N	N	N	N	N	NW	NW	N
Wind movement	15	16	18	18	13	14	14	14	15	15	14	13	13	13	14	16	12	11	10	7	6	8	11	9

Sunrise: Time, 6:39; Character, Cloudy. Moonrise: 10:49 a; Cloudy.

Sunset: Time, 5:12; Character, Cloudy. Moonset: - - - - - -

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

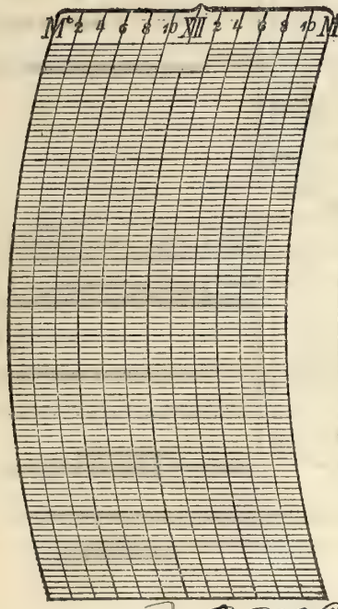
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	25	29	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 1.7 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy. Moon phase, First Quarter 2.09 pm
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.1. Possible sunshine, hours, 10.6
Per cent of possible sunshine, 10
Prevailing wind direction, NW. Total wind 309
Average hourly velocity, 17.9. Extreme velocity, 21
Maximum velocity, 20. Direction, NW
Time began, 3:12 am
Reduced barometer, 29.80 7 a. m. 29.97 7 p. m.
River gage, 3.8 feet
Relative humidity, 90 7 a. m. 78 7 p. m.

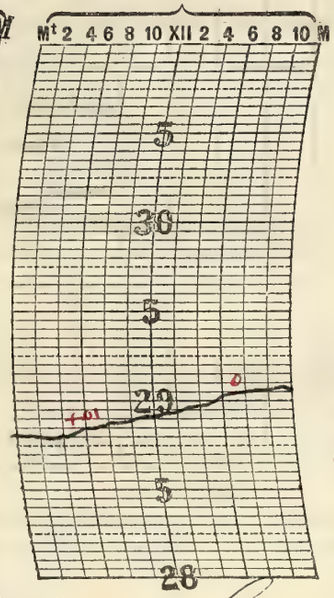
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 31.9. Wet temperature, 29.9
Dew-point, 27. R. humidity, 79. V. pressure, .143
Clouds: Amount, 10; Kind, Strat.; Direction, NW
Velocity of clouds (miles per hour)

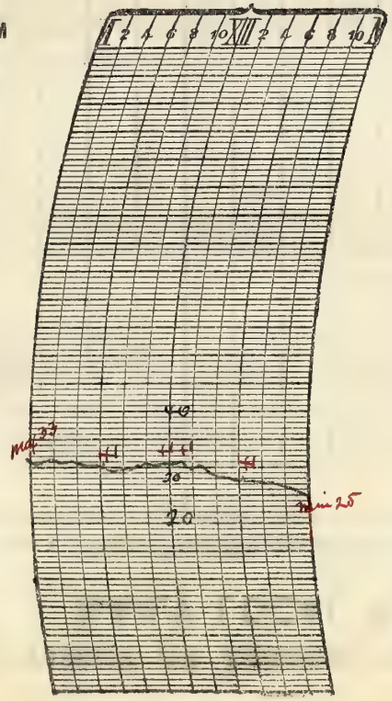
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snowfall from 7 pm to 7 am 0.1 inch
Snowfall midnight to 7 am a trace
Snowfall from 7 am to 7 pm a trace.
Cloudy, but some sunshine in late forenoon through rifts in clouds. Mild temperatures prevailed. Some thawing during the day.

Prepared by C. M. Donough.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) [illegible], 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	23	24	25	25	25	24	25	27	29
Nature of precipitation and time of beginning and ending									Sd B 8:40	- -	Sd E 10:15	
Amounts of precipitation			T									
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	N	NE	N	N	NW	N	N	NE	SE	SE	S	S
Wind movement	6	4	4	3	3	3	2	2	4	4	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	31	32	32	31	32	31	31	31	31	32
Nature of precipitation and time of beginning and ending		Sm B 1:05	- -	- -	- -	- -	- -	-	- -	- -	Sm E D.N.S	
Amounts of precipitation												
Cloudiness and other conditions												T
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	8	5	7	9	8	6	8	8	8	9	10

State of weather.

Sunrise: Time 6:38, Character Cloudy. Moonrise: 11:25 a Cloudy.

Sunset: Time 5:13, Character Cloudy. Moonset: 12:53 a Cloudy.

Maximum velocities (exceeding 24 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

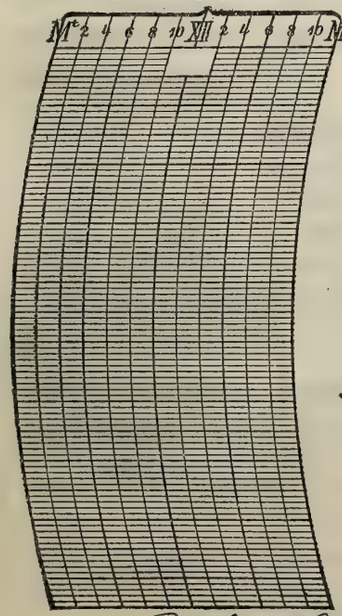
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	23	28	

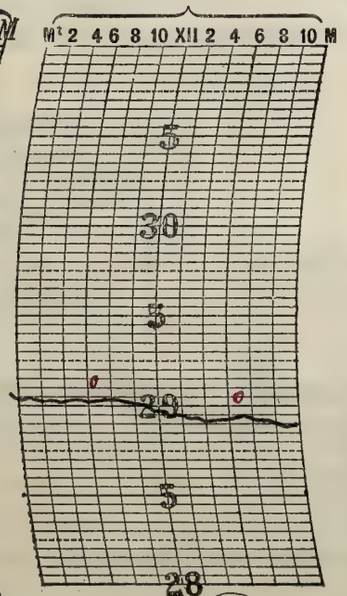
Total depth of snow for 24 hours ending 7 p. m. T inches.
Snow, sleet, and hail on ground 7 p. m., 15 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 143
Average hourly velocity, 6.0 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 12:16 P.M.
Reduced barometer, 29.99 7 a. m. 29.88 7 p. m.
River gage, 3.2 feet
Relative humidity, 81 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 28.9 Wet temperature, 26.5
Dew-point, 22 R. humidity, 73 V. pressure, .113
Clouds: Amount, 10; Kind St. Cu.; Direction, S
Velocity of clouds (miles per hour)

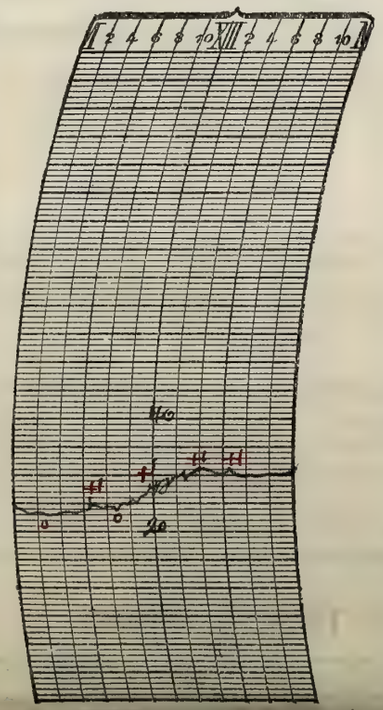
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snowfall from 7 am to 7 pm, a trace; from Midnight to Midnight 0.1 inch. Cloudy with Snow Flurries and mild temperatures; some thawing.

Prepared by P. McDonough
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Thursday, (Date) [illegible], 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	33	33	32	30	29	29	30	34	36	38	38	39	38	38	37	35	34	33	32	30	30	29	29
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			?		1	Clear							Cloudy	7			Clear				7		?	
Sunshine (in tenths of hours)							.38 0	.06 .04	.10	.10	.10	.10	.10	.10	.10	.10	.07 .08	.23 0						
Wind direction	W	W	W	NW	NW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	SW	SW	SW
Wind movement	7	10	12	17	14	9	9	11	14	16	17	16	19	17	20	17	17	11	10	8	6	6	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:37 Character, Clear
Moonrise: 12:03 p Cloudy
Sunset: Time, 5:14 Character, Clear
Moonset: 11:49 a — 7

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

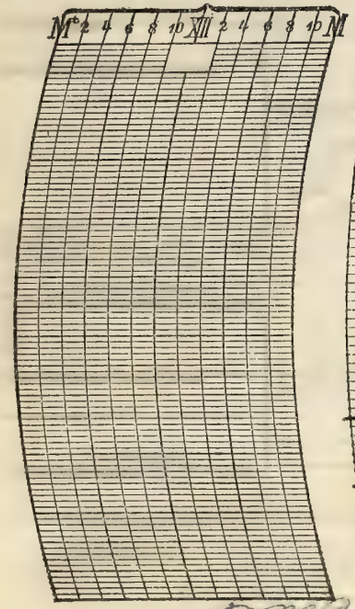
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	28	34	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.6 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 295
Average hourly velocity, 12.3 Extreme velocity, 24
Maximum velocity, 24 Direction, W
Time began, 3:13 PM.
Reduced barometer, 29.92 7 a. m. 30.07 7 p. m.
River gage, 3.0 feet
Relative humidity 89 7 a. m. 71 7 p. m.

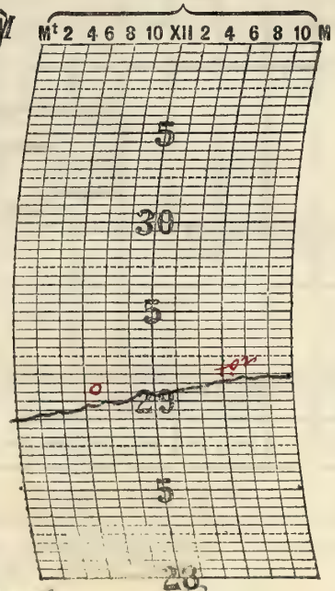
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.9 Wet temperature, 33.7
Dew-point, 28 R. humidity, 65 V. pressure, .150
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

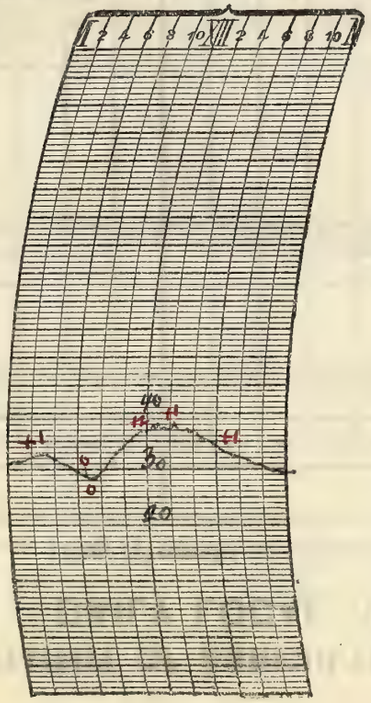
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snowfall from 7 p.m. to 7 a.m. 0.1 inch.
Generally clear and pleasant weather.
The snow cover disappeared rapidly during the day.

Prepared by C. M. McDonough
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) Feb. 9, 1906, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	29	29	27	29	30	28	26	26	26	26
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						L	Clear				L Cloudy	
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	1.0
Wind direction	SW	W	W	W	W	W	NW	NW	N	N	N	N
Wind movement	6	11	10	10	7	9	11	15	17	14	13	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	24	23	23	22	21	20	20	19	18	18
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	L	Clear	L	Cloudy	L	Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	11	9	10	12	11	11	10	12	12	9	13	12

Sunrise: Time, 6.35 Character, Cloudy
Moonrise: 12.47 P. Cloudy

Sunset: Time, 5.15 Character, Cloudy
Moonset: 2.42 a Clear (?)

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

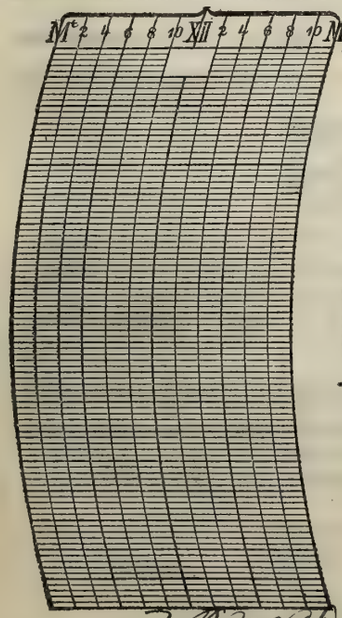
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	18	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.0 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 75
Prevailing wind direction, NE Total wind 266
Average hourly velocity, 11.1 Extreme velocity, 21
Maximum velocity, 20 Direction, NW
Time began, 7.46 am
Reduced barometer, 30.16 7 a. m. 30.57 7 p. m.
River gage, 3.4 feet
Relative humidity, 62 7 a. m. 60 7 p. m.

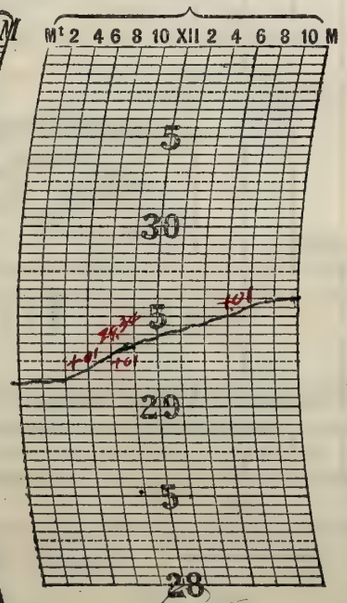
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 25.6 Wet temperature, 22.0
Dew-point, 13 R. humidity, 56 V. pressure, .074
Clouds: Amount, 5; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

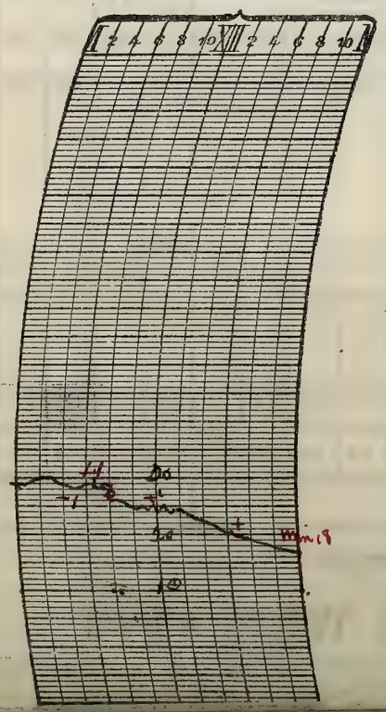
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

There was a trace of snow on ground at 7 am, and also at 7 pm, mostly in protected places.

Partly cloudy and invigorating weather. Falling temperature during the day, the weather being rather cool at night.

Prepared by C. M. Donough
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) _____, 192 ✓

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	16	16	16	15	15	15	16	18	19	21	24
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						L-Pt. Cloudy — 7L						
Sunshine (in tenths of hours)							0	0	0.3	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SE	E
Wind movement	11	10	9	10	10	8	10	9	9	11	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	26	27	26	26	25	25	24	23	23	22	22
State of weather: Nature of precipitation and time of beginning and ending									S B 8:30	- -	- -	- -
Amounts of precipitation												
Cloudiness and other conditions					Cloudy						?	
Sunshine (in tenths of hours)	1.0	0.6	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	11	11	12	12	13	13	16	12	9	12	14	11

Sunrise: Time, 6:34; Character, Cloudy
Moonrise: 1:36 p; Cloudy
Sunset: Time, 5:16; Character, Cloudy
Moonset: 3:54 a — ?

Maximum temperature. 27 | Minimum temperature. 15 | Mean temperature. 21 | Normal temperature.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.7 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.7 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.9 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 46
Prevailing wind direction, E Total wind 263
Average hourly velocity, 11.0 Extreme velocity, 19
Maximum velocity, 18 Direction, E
Time began, 6:48 P.M.
Reduced barometer, 30.61 7 a. m. 30.46 7 p. m.
River gage, 3.1 feet
Relative humidity, 82 7 a. m. 75 7 p. m.

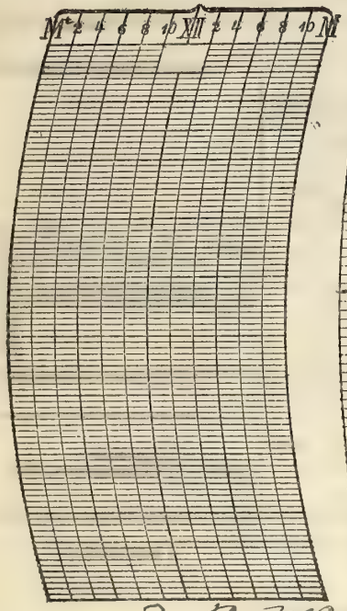
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

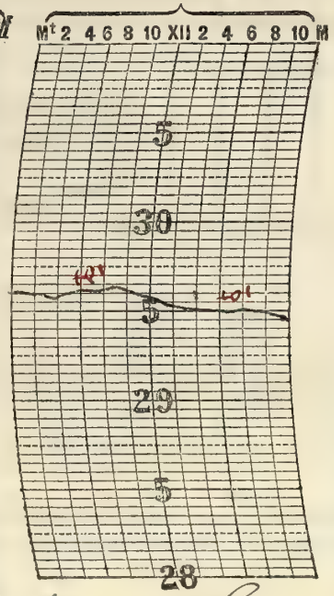
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 23.9 Wet temperature, 20.9
Dew-point, 14 R. humidity, 61 V. pressure, .077
Clouds: Amount, 9; Kind, ast; Direction, SW
Velocity of clouds (miles per hour) _____

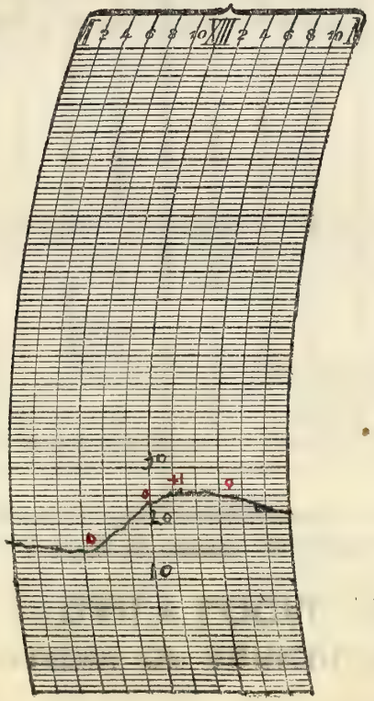
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. Estimated.

There was a trace of snow on the ground in protected places at 7 a.m. and at 7 pm. Generally cloudy and cool weather, with snow from 8:30 pm, the estimated fall to midnight being 0.7 inches.

Prepared by } C. McDonough
Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Sunday, (Date) [illegible], 192

Time (local standard), 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	22	23	24	24	24	24	25	26	26	26
State of weather: Nature of precipitation and time of beginning and ending	--	--	--	--	5m E D.N.a R.13 D.N.a	---	R E 6:20 R 13 6:55				R E 1050 5m 13 1050	--
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	6:33 Cloudy											
Moonrise:	2:30 p Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	NE	NE
Wind movement	13	12	11	11	10	11	10	10	10	8	8	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	30	29	29	29	29	29	28	28	27	26
State of weather: Nature of precipitation and time of beginning and ending	5m E 1225											
Amounts of precipitation	--											
Cloudiness and other conditions												
Sunset: Time, Character,									5:18 Cloudy			
Moonset:									4:22 a Cloudy			
Sunshine (in tenths of hours)	0.2	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	17	17	11	9	8	6	9	7	7	6	7

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	22	26	

Total depth of snow for 24 hours ending 7 p. m., 1.8 inches.
Snow, sleet, and hail on ground 7 p. m., 1.7 inches.
Total snowfall, midnight to midnight, 1.1 inches.
Precipitation to 7 a. m., .17 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .18 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 2
Prevailing wind direction, NE Total wind 231
Average hourly velocity, 9.6 Extreme velocity, 16
Maximum velocity, 15 Direction, NE
Time began, 11:39 am
Reduced barometer, 30.29 7 a. m. 30.33 7 p. m.
River gage, 3.0 feet
Relative humidity, 94 7 a. m. 89 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

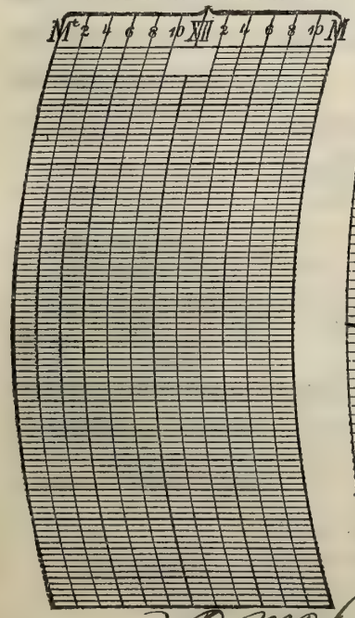
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

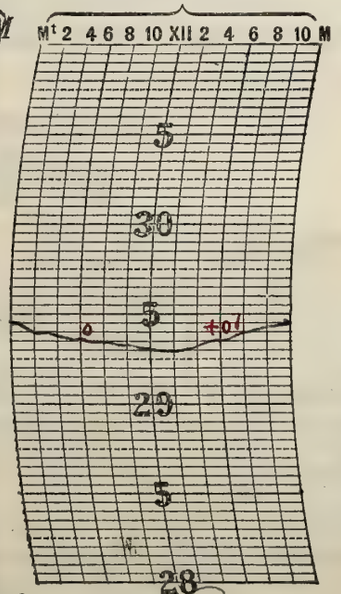
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 26.0 Wet temperature, 25.0
Dew-point, 23 R. humidity, 88 V. pressure, .118
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

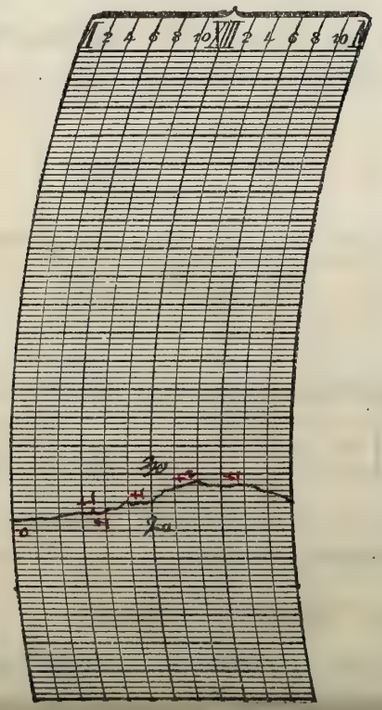
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. Estimated

Snowfall 7 pm to 7 am 1.4 inches
Snowfall 7 am to 7 pm 0.4 inch
Cloudy and unpleasant weather with rain or snow first half of day. The rain froze as it fell, forming glaze. Sidewalks icy and slippery, but streets somewhat soft here and there from partly thawed snow. Very little variation in temperature.

Prepared by P. McDonough
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Travis Tex., (Day of week) Monday, (Date) FEB 11 1929, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	22	21	20	18	16	15	18	21	24	25	26	25	25	25	25	24	23	22	22	21	21	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					L Pt. Cloudy								Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0.5	0.1	0	0	0	0	0	0						
Wind direction	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	7	7	6	8	8	9	8	9	9	10	13	14	13	13	15	18	13	16	15	22	20	21	21	17
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:31 Character, Cloudy
Moonrise: 3:28 p. Cloudy

Sunset: Time, 5:19 Character, Cloudy
Moonset: 5:07 a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

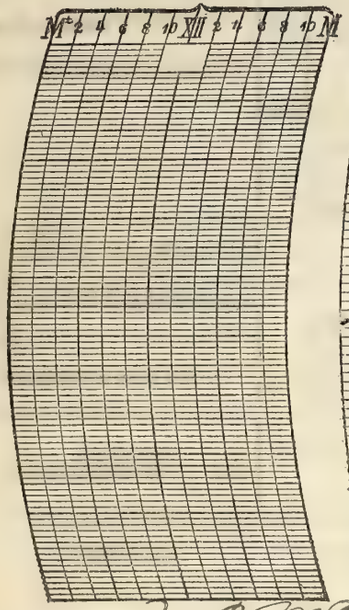
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	15	20	

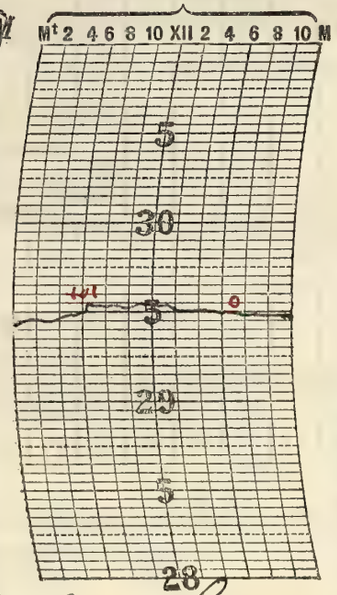
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 16 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0.6 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 6
Prevailing wind direction, E Total wind 312
Average hourly velocity, 13.0 Extreme velocity, 26
Maximum velocity, 26 Direction, E
Time began, 10:28 P.M.
Reduced barometer, 30.49 7 a. m. 30.46 7 p. m.
River gage, 2.7 feet
Relative humidity, 86 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 25.0 Wet temperature, 23.0
Dew-point, 19 R. humidity, 75 V. pressure, .098
Clouds: Amount, 10; Kind, Strat.; Direction, NE
Velocity of clouds (miles per hour)

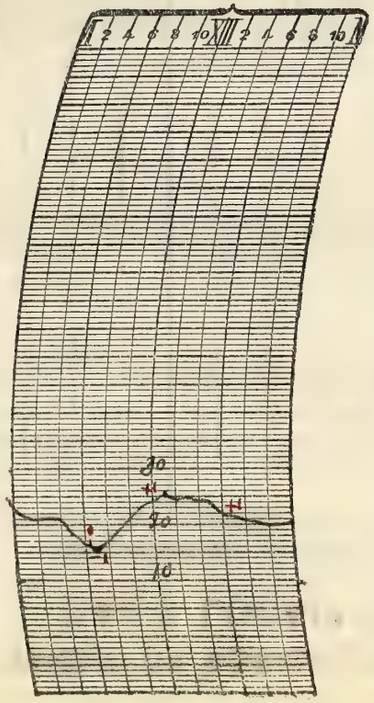
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was unsettled and cool, with penetrating easterly winds. A faint lunar halo was visible at 6:45 p.m.

Sidewalks icy and slippery.

Prepared by } P. McDonough
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB. 14, 1924, 192 ✓

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	21	20	21	21	20	21	20	19	19	20	21
State of weather: Nature of precipitation and time of beginning and ending										R.B 10.00	SLE 10.20 SLB 10.20	
Amounts of precipitation										--	--	--
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	NE	NE	NE	E	E	E	E	NE	NE	NE	NE
Wind movement	17	18	20	17	19	19	21	19	19	17	17	16

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	22	22	22	22	22	21	21	21	21	20	20	19
State of weather: Nature of precipitation and time of beginning and ending											SLE D.N.R	
Amounts of precipitation	--	--	--	--	--	--	--	--	--	--	--	--
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N
Wind movement	19	18	18	16	17	13	13	12	11	10	10	11

Sunrise: Time, 6:30 Character, Cloudy
Moonrise: 4:31 P Cloudy

Sunset: Time, 5:20 Character, Cloudy
Moonset: 5:48 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

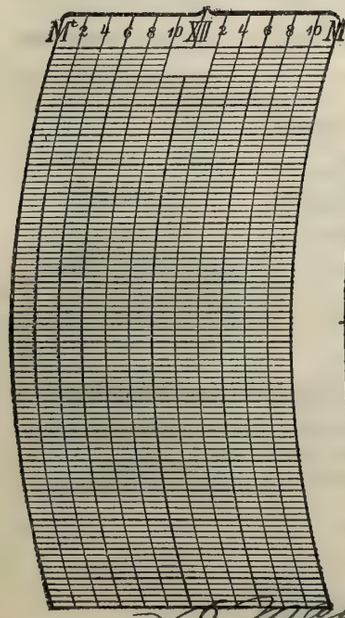
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	19	20	

Total depth of snow for 24 hours ending 7 p. m., 2.7 inches.
Snow, sleet, and hail on ground 7 p. m., 4.3 inches.
Total snowfall, midnight to midnight, 3.3 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .26 ins.
Total precipitation, midnight to midnight, 0.32 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 387
Average hourly velocity, 16.1 Extreme velocity, 27
Maximum velocity, 26 Direction, NE
Time began, 4:50 am
Reduced barometer, 30.27 7 a. m. 29.96 7 p. m.
River gage, 2.2 feet
Relative humidity, 78 7 a. m. 94 7 p. m.

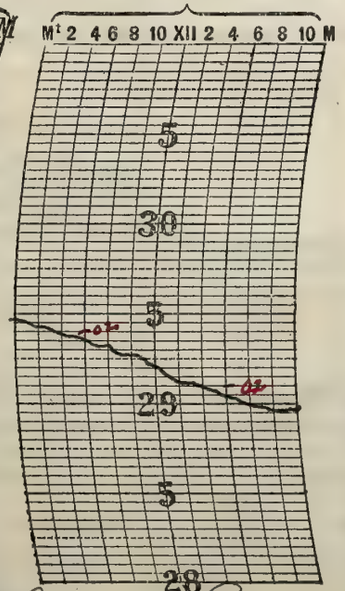
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.0 Wet temperature, 20.2
Dew-point, 18 R. humidity, 89 V. pressure, .093
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

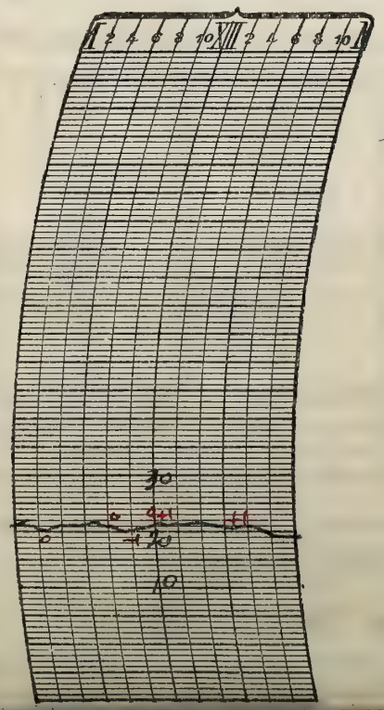
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy and unsettled weather with snow from 10:20 am till near midnight. Total fall 3.3 inches. The weather was cool with little variation in temperature. Penetrating easterly winds, considerable drifting, causing trouble to local transportation companies.

Prepared by O. McDonough
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 2 4 1904, 192

Time (local standard) 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	18	17	17	17	16	15	16	19	22	25	25
State of weather: Nature of precipitation and time of beginning and ending									sd B 8.19 sd E 8.50			sd B 11.05
Amounts of precipitation									--			—
Cloudiness and other conditions							Lt. Cloudy					Cloudy
Sunshine (in tenths of hours)							0	0	0	10	10	09
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	W	W
Wind movement	12	11	13	14	13	12	10	11	12	12	12	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	23	25	23	22	22	21	19	19	17	17
State of weather: Nature of precipitation and time of beginning and ending									sd E 8.30			
Amounts of precipitation	—	—	—	—	—	—	—	—	—			
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0.2	0.7	0.2	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	18	20	18	16	14	12	16	14	15	13	12

Sunrise: Time, 6:29 Character, Cloudy
Moonrise: 5.36 p Cloudy

Sunset: Time, 5.21 Character, Cloudy
Moonset: 6:28 a Cloudy

Maximum temperature. 26 | Minimum temperature. 15 | Mean temperature. 20 | Normal temperature.

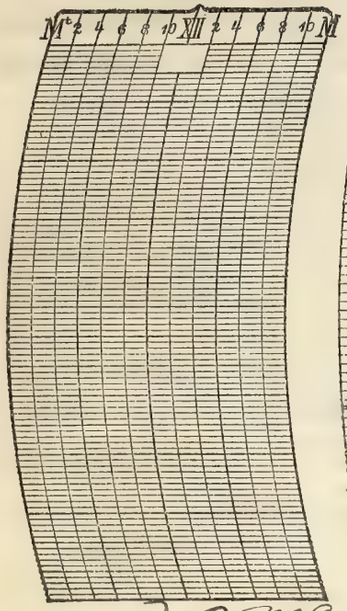
Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.
Snow, sleet, and hail on ground 7 p. m., 4.3 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 06 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, Full moon 10.07 am
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.0 Possible sunshine, hours, 109
Per cent of possible sunshine, 37
Prevailing wind direction, W Total wind 325
Average hourly velocity, 13.5 Extreme velocity, 26
Maximum velocity, 25 Direction, W
Time began, 1.48 P.M.
Reduced barometer, 29.96 7 a. m. 30.08 7 p. m.
River gage, 2.2 fall
Relative humidity, 82 7 a. m. 86 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

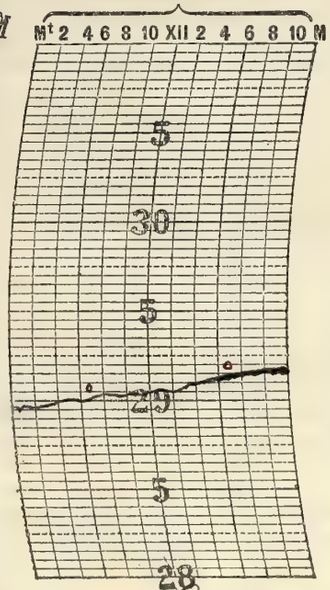
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 24.9 Wet temperature, 22.9
Dew-point, 19 R. humidity, 75 V. pressure, .098
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

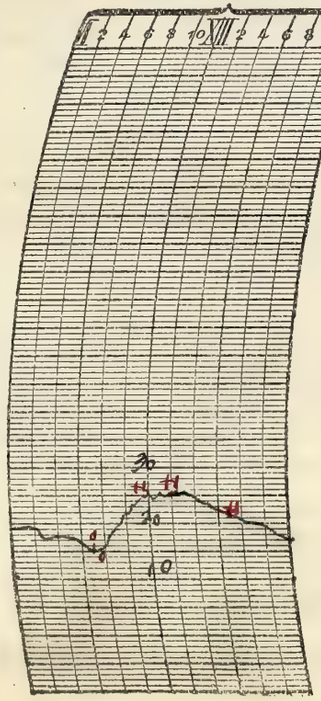
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by P. McDonough
Verified by

8—486

NOTES.

Sunshine through rifts in clouds.

Cool in the morning with moderate day temperatures, but range small. Partly cloudy at the a.m. observation, but increasing cloudiness following the observation. Snow fell during much of the day, but the total fall was only a trace. Moonlight at intervals through rifts in clouds at night, with lunar corona at 10:30 pm. Sidewalks somewhat slippery.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) Feb. 7, 1908, 192

Time (local standard) 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	16	16	15	16	16	17	16	17	16	18	20	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					L-Cloudy		>L			Clear		
Sunshine (in tenths of hours)							0	0	0	0.7	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	13	12	13	15	14	12	16	17	16	19	21

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	22	21	21	20	19	18	18	17	16	16	14
State of weather: Nature of precipitation and time of beginning and ending	Sd B 12 40	– –	– –	– –	Sd E 4 50					Sd B+E D N.P.		
Amounts of precipitation	–	–	–	–	–					–	–	–
Cloudiness and other conditions		>L			Cloudy							
Sunshine (in tenths of hours)	0.9	0.9	0.7	0.2	0	0						
Wind direction	W	W	NW	W	W	W	W	W	W	W	W	W
Wind movement	19	18	16	11	12	12	9	10	10	15	12	10

Sunrise: Time, 6:27; Character, Cloudy. Moonrise: 6:43 P. Cloudy.

Sunset: Time, 5:22; Character, Cloudy. Moonset: 7:04 a. Cloudy.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	14	18	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 4.2 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.4. Possible sunshine, hours, 10.9
Per cent of possible sunshine, 50
Prevailing wind direction, W. Total wind 334
Average hourly velocity, 13.9. Extreme velocity, 26
Maximum velocity, 25. Direction, W.
Time began, 12:06 P.M.
Reduced barometer, 30.19 7 a. m. 30.31 7 p. m.
River gage, 2.8 feet
Relative humidity, 79 7 a. m. 72 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time.

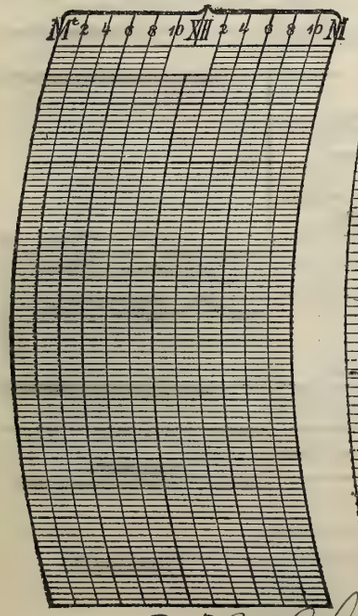
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

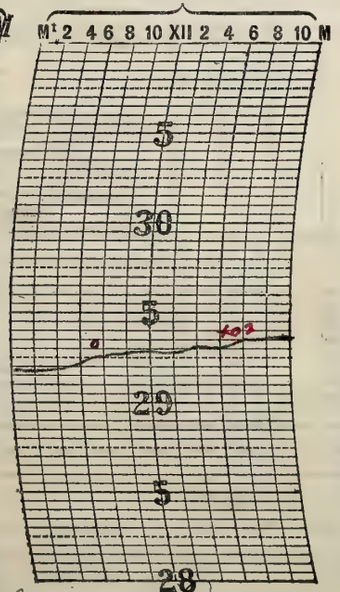
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 21.2. Wet temperature, 18.5
Dew-point, 11. R. humidity, 61. V. pressure, .066
Clouds: Amount, 3; Kind, St.-cu.; Direction, NW.
Velocity of clouds (miles per hour)

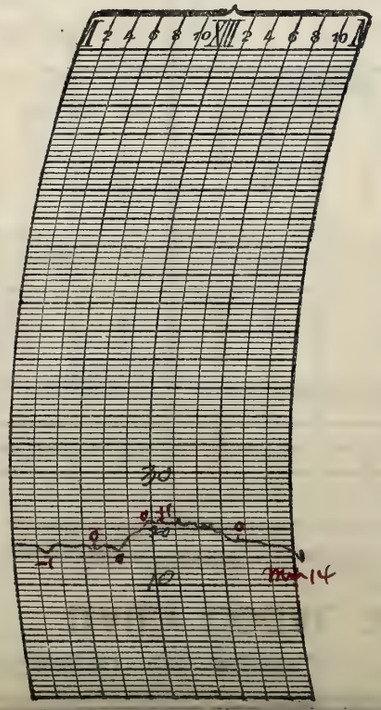
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Variable cloudiness during the day, with snow flurries in afternoon and late night. Continued cool weather. Moonlight through detached clouds in the late night. A lunar corona was observed at 10:45 p.m. Rather unpleasant weather. Icy sidewalks in various sections of the city.

Prepared by } O. M. McDonough
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 22 1924, 192

Time (local standard) 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	12	10	9	6	6	6	6	10	15	19	22	22	24	25	27	24	23	22	22	21	21	21	20	19
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear						Cloudy						
Sunshine (in tenths of hours)							.5 0	.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0						
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W	SW	W	SW	SW	SW	W	SW	W	W	SW	W	W
Wind movement	8	10	8	10	8	9	7	6	8	8	9	8	7	8	7	9	9	7	6	5	5	4	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time 6:26, Character Clear. Moonrise: 7:51 P. Cloudy.

Sunset: Time 5:24, Character Cloudy. Moonset: 7:39 A. Clear.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

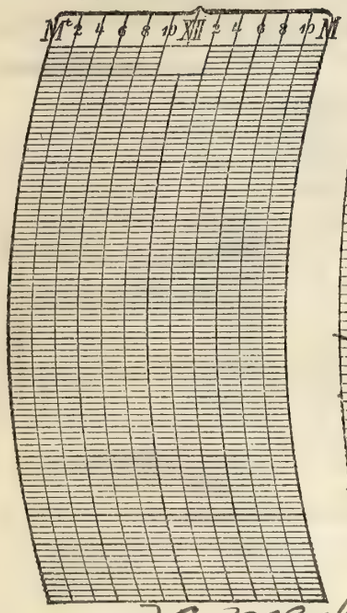
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	6	16	

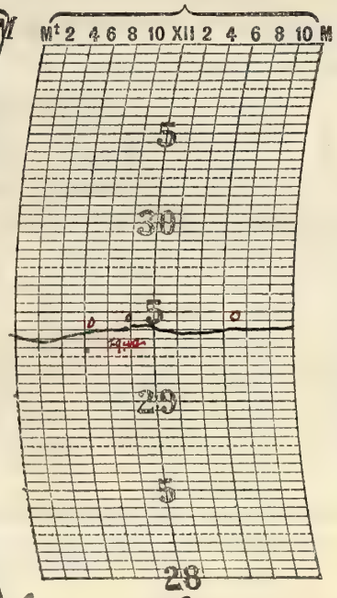
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 2
Actual sunshine, hours, 9.4 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 85
Prevailing wind direction, SW Total wind 173
Average hourly velocity, 7.2 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 1:38 am
Reduced barometer, 30.37 7 a. m. 30.38 7 p. m.
River gage, 2.6 fall
Relative humidity, 85 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 22.0 Wet temperature, 18.2
Dew-point, 7 R. humidity, 48 V. pressure, .054
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

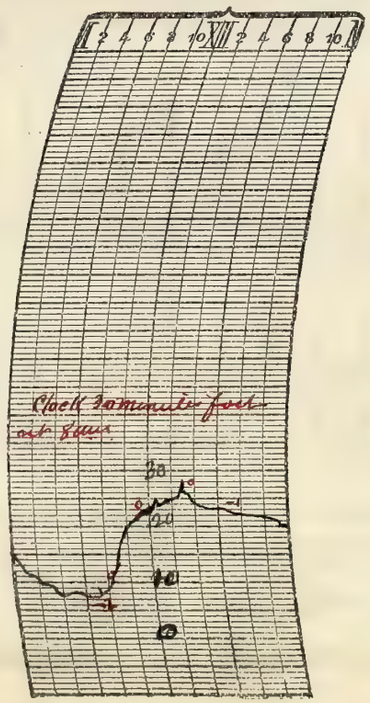
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moonlight in the early morning, and also in late night through clouds.

The snow cover melted rapidly during the day. Sidewalks icy here and there in business section of town.

Cold in morning but pleasant midday temperatures.

Clear greater part of daylight hours, but with cloudiness in evening and night.

Prepared by C. McDonough
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Saturday, (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	16	15	12	12	11	14	16	19	20	21	22	25	26	24	23	20	19	16	16	15	13	12
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						L	—	Clear	—		X	Cloudy	—	X	—	Clear	—					→		
Sunrise: Time, Character	6:24 Cloudy																				Sunset: Time, Character	5:25 Clear		
Moonrise	8:59 P. Clear																				Moonset	8:13 a Cloudy		
Sunshine (in tenths of hours)							0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	.42 0						
Wind direction	NW	NW	NW	NW	NW	N	NE	NE	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	NE
Wind movement	4	3	3	3	4	6	5	6	7	11	12	12	13	10	10	11	11	11	9	10	11	11	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	11	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 19 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.8 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 89

Prevailing wind direction, NE Total wind 201

Average hourly velocity, 8.4 Extreme velocity, 16

Maximum velocity, 15 Direction, NE

Time began, 2:41 P.M.

Reduced barometer, 30.46 7 a. m. 30.54 7 p. m.

River gage, 2.8 feet

Relative humidity, 83 7 a. m. 70 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

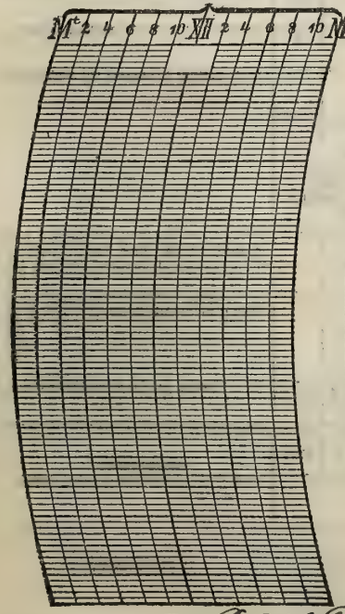
Dry temperature, 21.0 Wet temperature, 18.4

Dew-point, 12 R. humidity, 63 V. pressure, .070

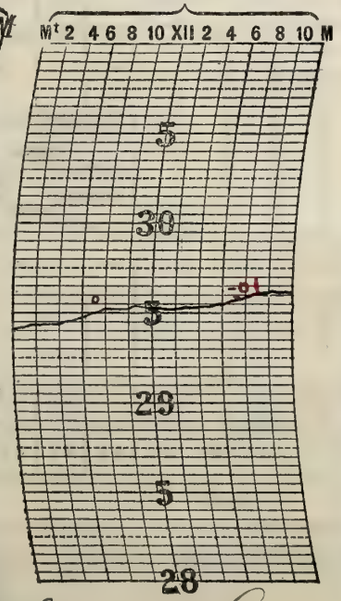
Clouds: Amount, 4; Kind, Cirst; Direction, W

Velocity of clouds (miles per hour)

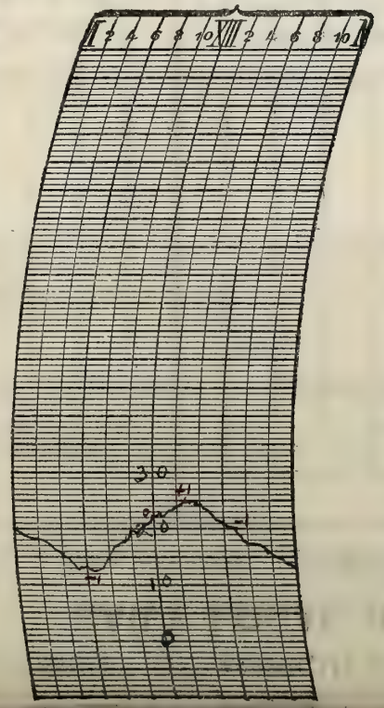
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moonlight in early morning and late night

Day generally clear, with cold penetrating easterly winds.

The snow cover melted very little during the day.

Sections of the sidewalks in business part of city icy.

Prepared by J. P. McDonough

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 24 1924, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	10	11	11	10	9	10	12	17	20	22	24	25	27	27	26	25	23	21	21	20	20	20
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation / Cloudiness and other conditions					L		Pt. Cloudy					X	Pt.	Cloudy			R		Cloudy				?	
Sunshine (in tenths of hours)							0	0.2	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0						
Wind direction	E	E	E	E	E	E	E	E	NE	E	E	E	E	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	8	11	11	10	8	8	10	9	12	14	14	13	15	13	13	12	11	13	13	12	11	12	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:23; Character, Cloudy. Moonrise: 10:09 P. Cloudy.

Sunset: Time, 5:26; Character, Cloudy. Moonset: 8:49 a Cloudy.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

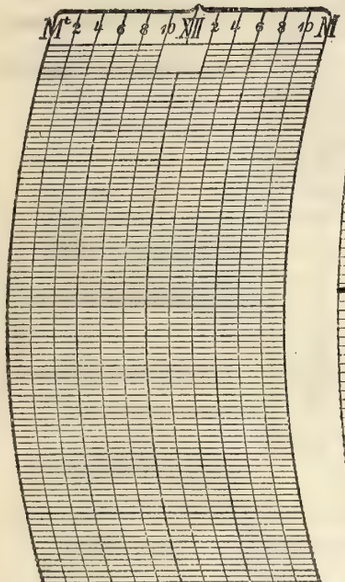
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	8	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 16 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.1 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 65
Prevailing wind direction, E Total wind 273
Average hourly velocity, 11.4 Extreme velocity, 20
Maximum velocity, 17 Direction, E
Time began, 10:28 a.m.
Reduced barometer, 30.59 7 a. m. 30.50 7 p. m.
River gage, 2.2 plus
Relative humidity, 82 7 a. m. 60 7 p. m.

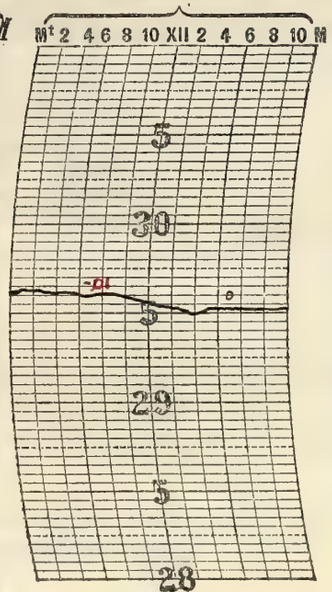
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.0 Wet temperature, 18.0
Dew-point, 6 R. humidity, 45 V. pressure, .052
Clouds: Amount, 5; Kind, Cirr.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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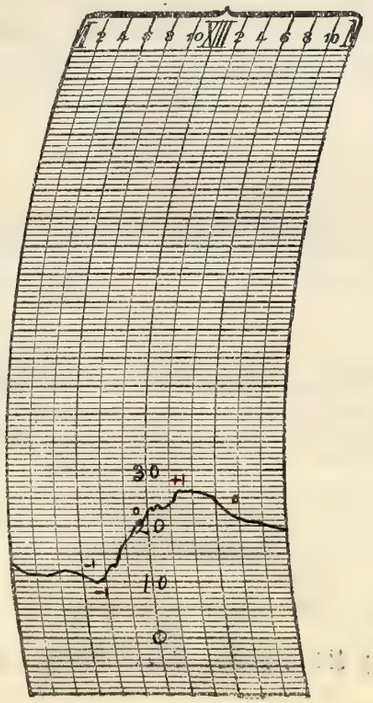


NOTES.

Moonlight in the early morning.
Continued cold weather with piercing easterly winds.
Some thawing during the day.
Sidewalks icy and slippery in sections of the city.

Prepared by P. McDonough
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Monday, (Date) [illegible], 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	18	18	18	18	19	19	19	25	27	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					L	Cloudy				Clear		
Sunshine (in tenths of hours)							0	0	0.1	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	N	N	NE	NE	NE	NE
Wind movement	11	8	7	9	7	5	6	6	7	6	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	32	33	32	32	32	32	29	26	25	24	22
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8 (0.2)	0 (.45)						
Wind direction	N	N	N	N	N	N	SW	W	NW	N	N	N
Wind movement	7	7	6	8	6	1	4	3	5	5	4	5

Sunrise: Time, 6:21; Character, Cloudy. Moonrise: 11:18 P; Clear.

Sunset: Time, 5:27; Character, Clear. Moonset: 9:25 a; Cloudy.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	18	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 10 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 8.6 Possible sunshine, hours, 11.1

Per cent of possible sunshine, 77

Prevailing wind direction, N Total wind 149

Average hourly velocity, 6.2 Extreme velocity, 12

Maximum velocity, 12 Direction, NE

Time began, 12:20 am

Reduced barometer, 30.49 7 a. m. 30.51 7 p. m.

River gage, 26 feet

Relative humidity, 82 7 a. m. 34 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

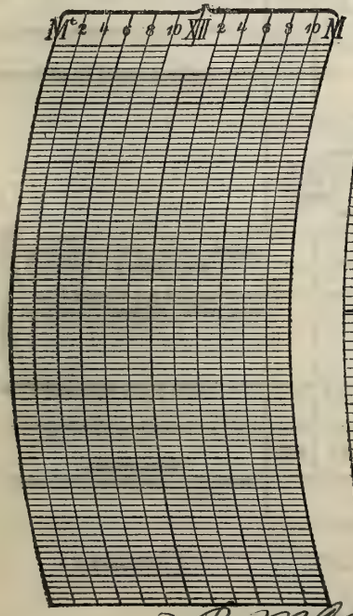
Dry temperature, 27.5 Wet temperature, 20.7

Dew-point, -2 R. humidity, 23 V. pressure, .034

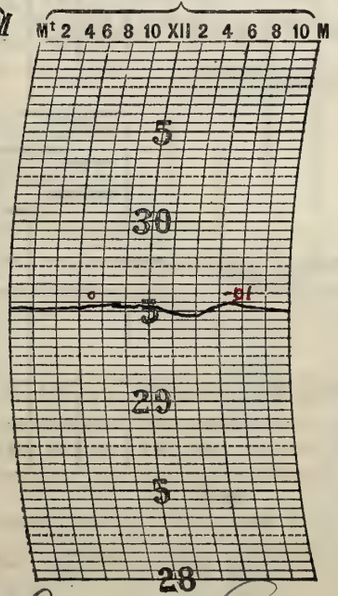
Clouds: Amount, Few; Kind, Cirst; Direction, 0

Velocity of clouds (miles per hour)

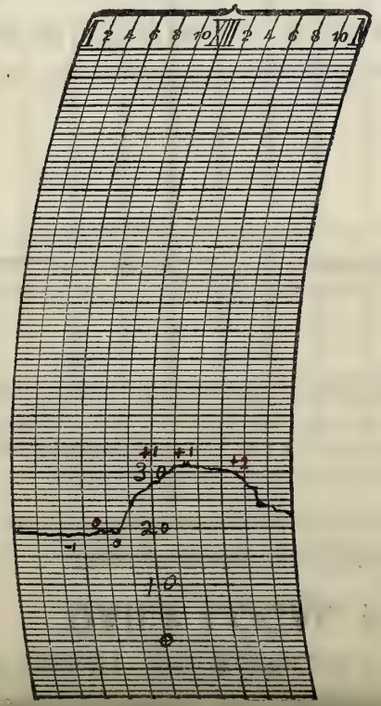
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by J. P. McDonough

Verified by

8—486

NOTES.

Decreasing cloudiness from the early morning, the day and night being generally clear; mild temperatures.

Much showing during the day. Sidewalks more or less icy in localities.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 26 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	20	19	17	14	16	19	25	27	29	31
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				L	—	Clear						
Sunshine (in tenths of hours)							.67 0	0.5 0.5	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	NE	E	E	E
Wind movement	4	2	1	2	1	1	2	4	5	7	6	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	35	36	35	34	33	33	32	30	29	28	26
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	L Pt Cloudy	—	x Cldy	L	Clear	—				?		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE
Wind movement	6	6	7	7	8	6	5	8	7	7	7	8

Sunrise: Time, 6:20 Character, Clear
Moonrise: — — —
Sunset: Time, 5:28 Character, Cloudy
Moonset: 10.05 a Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

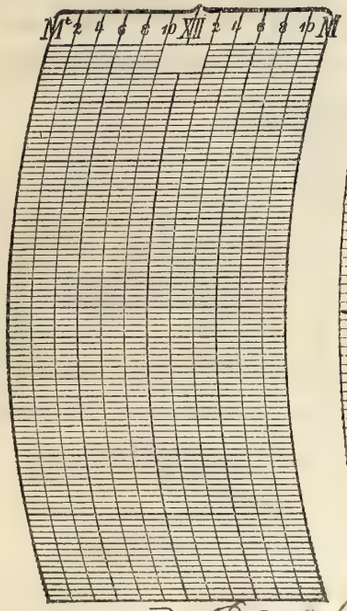
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	14	25	

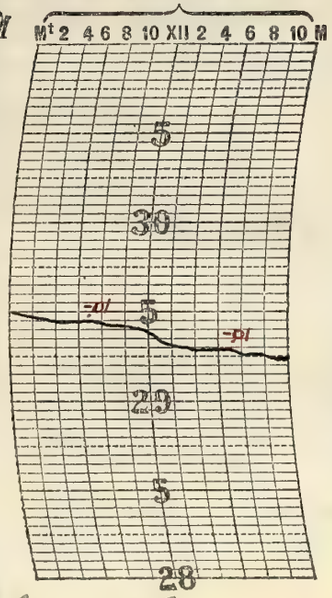
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.7 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 87
Prevailing wind direction, NE Total wind 123
Average hourly velocity, 5.1 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 4:07 P.m.
Reduced barometer, 30.40 7 a. m. 30.23 7 p. m.
River gage, 2.3 fall
Relative humidity, 76 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 31.2 Wet temperature, 25.3
Dew-point, 12 R. humidity, 40 V. pressure, 27.0
Clouds: Amount, 3; Kind, Cirst.; Direction, SW
Velocity of clouds (miles per hour)

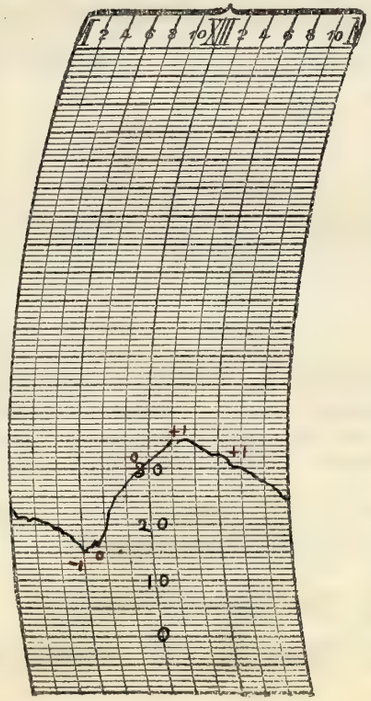
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moonlight in the early morning from a waning moon.

Cool morning but mild midday and night-temperatures. Clear forenoon and variable Cloudiness in afternoon.

Considerable thawing during the day. Still some icy and slippery sidewalks.

Prepared by } C. M. Smith
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Wednesday, (Date) [illegible], 192

Time (local standard) 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	25	24	22	21	21	23	26	30	35	38	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly cloudy							
Sunshine (in tenths of hours)							0	0.8	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	NW	NW
Wind movement	9	7	7	6	5	6	5	4	4	3	6	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	42	43	42	39	37	36	33	32	31	29	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8 (0.2 .48)	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	8	8	12	10	9	7	7	8	8	7	6

Sunrise: Time, 6:19; Character, Cloudy. Moonrise: 12:26 a ---?

Sunset: Time, 5:29; Character, Clear. Moonset: 10:50 a Clear

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

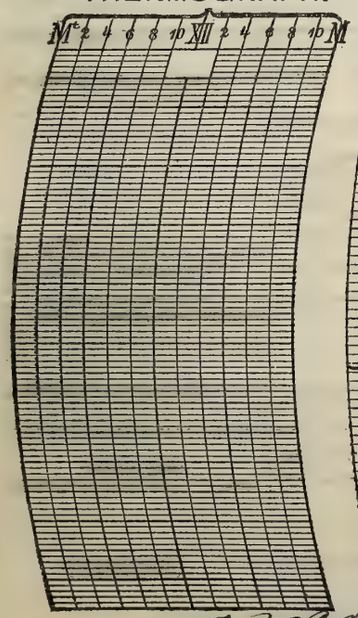
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	21	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear; Moon phase, Last quarter 7:15 a.m.
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.3; Possible sunshine, hours, 11.2
Per cent of possible sunshine, 92
Prevailing wind direction, NW; Total wind 170
Average hourly velocity, 7.1; Extreme velocity, 14
Maximum velocity, 13; Direction, NW
Time began, 8:29 P.M.
Reduced barometer, 30.13 7 a. m. 30.08 7, p. m.
River gage, 23 feet
Relative humidity, 58 7 a. m. 67 7 p. m.

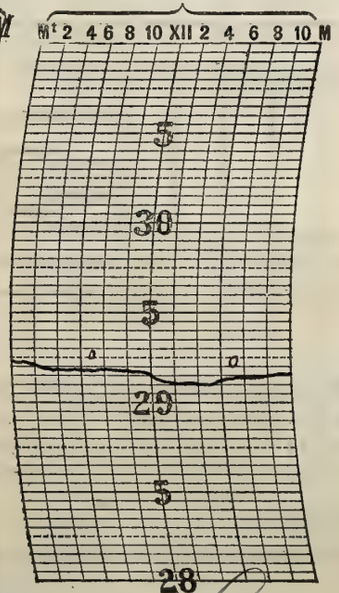
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.2; Wet temperature, 31.6
Dew-point 19; R. humidity, 40; V. pressure, .098
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

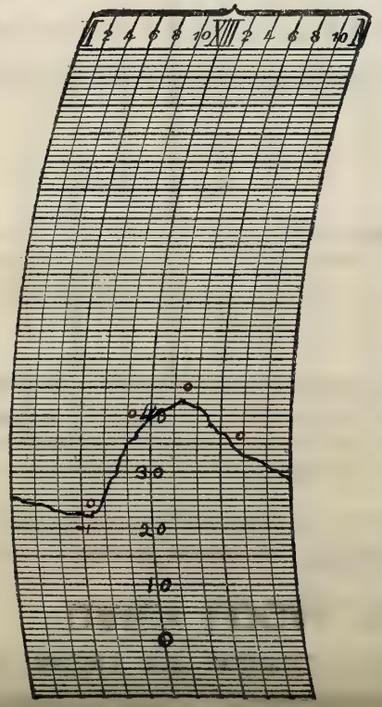
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Some cloudiness in the early part of the day but weather mostly clear, with mild springlike temperatures. Considerable thawing during the day. Very pleasant and invigorating weather.

Prepared by C. M. Dunough

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 28 1904, 192

Time (local standard), 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	25	23	24	24	24	24	25	27	28	30	32	33	35	36	35	34	33	33	33	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			L-	Dense			fog					Heavy Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.8	1.0	0	0	0						
Wind direction	NW	NW	NW	NW	W	NW	W	W	SW	S	S	S	S	S	S	S	SE	SE	E	E	E	E	NE	NE
Wind movement	4	6	4	4	4	4	3	3	4	4	7	7	6	7	7	5	4	5	4	6	5	6	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:17; Character, Foggy. Moonrise: 1:32 a --- ?

Sunset: Time, 5:31; Character, Cloudy. Moonset: 11:40 a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

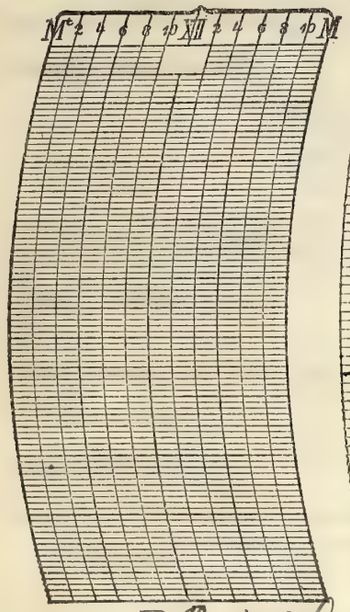
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	23	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.8. Possible sunshine, hours, 11.2
Per cent of possible sunshine, 16
Prevailing wind direction, S. Total wind 124
Average hourly velocity, 5.2. Extreme velocity, 9
Maximum velocity, 9. Direction, NE
Time began, 11:45 P.M.
Reduced barometer, 30.10 7 a. m. 29.95 7 p. m.
River gage, 2.9 fall
Relative humidity, 100 7 a. m. 83 7 p. m.

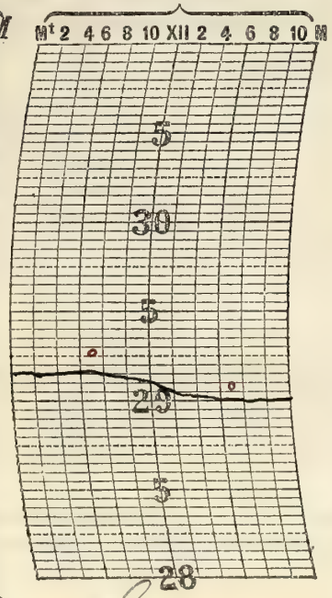
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 31.8. Wet temperature, 30.0
Dew-point, 27. R. humidity, 81. V. pressure, .143
Clouds: Amount, 10; Kind, St.; Direction, S.W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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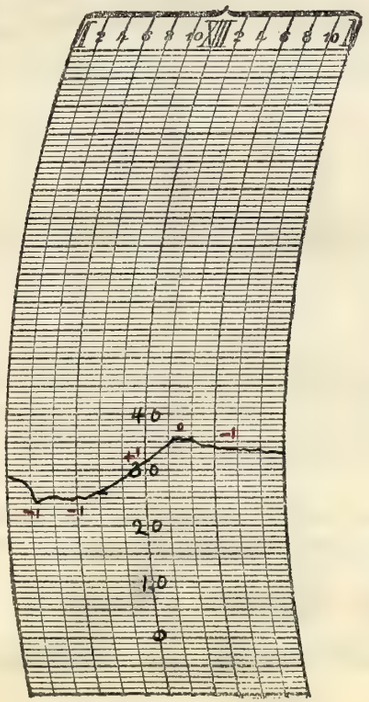


Prepared by P. McDonough.
Verified by

8—486

NOTES.

Dense fog Dn. a. to 10:30 am.
Light fog 10:30 am. to 11:15 a.m.
The fog was so dense at times that buildings 250 feet distant were invisible.
Generally Cloudy with mild temperatures.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Friday, (Date) _____, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	31	31	31	30	31	35	36	37	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							L —		Clear		—	
Sunrise: Time, Character	Time 6:15	Character Cloudy										
Moonrise	2:33 aw — — ?											
Sunshine (in tenths of hours)							0	0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	7	6	5	5	5	5	6	5	6	7	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	42	41	39	37	37	35	34	32	31	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X	— Pt. Cloudy			—	X	Clear	—				
Sunset: Time, Character									Time 5:32	Character Cloudy		
Moonset									12:35 p Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0.4	0						
Wind direction	SE	E	SE	E	E	E	E	NE	E	NE	E	E
Wind movement	5	4	5	5	7	7	6	7	8	8	9	10

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, _____

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 8.1 Possible sunshine, hours, 11.3

Per cent of possible sunshine, 72

Prevailing wind direction, E Total wind 149

Average hourly velocity, 6.2 Extreme velocity, 13

Maximum velocity, 12 Direction, E

Time began, 11:27 pm

Reduced barometer, 29.96 7 a. m. 29.90 7, p. m.

River gage, 37 feet

Relative humidity, 76 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

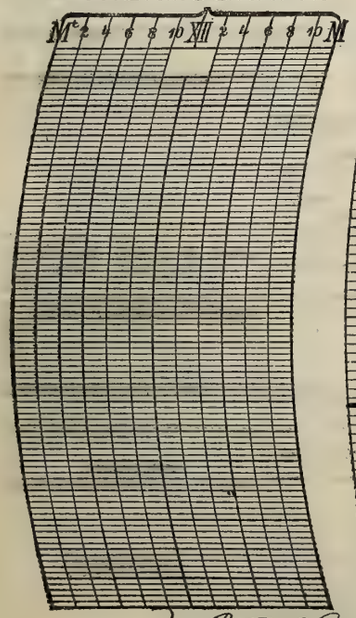
Dry temperature, 38.0 Wet temperature, 34.6

Dew-point, 30 R. humidity, 72 V. pressure, .164

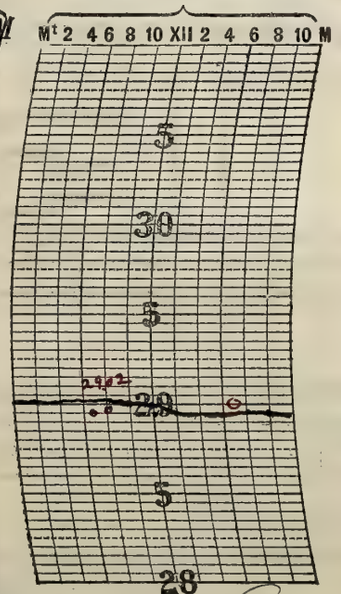
Clouds: Amount, 1; Kind, a.cu; Direction, NW

Velocity of clouds (miles per hour)

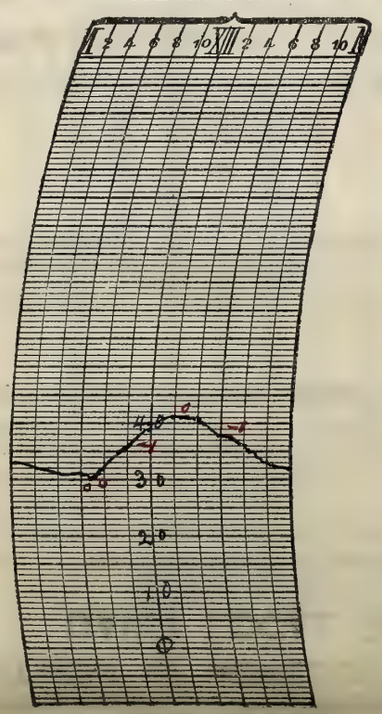
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear in the early morning, but variable cloudiness during the day - Warm for the season and fast leaving ground rapidly.

Prepared by P. McDonough

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 1 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	29	29	28	27	26	27	29	30	31	32	34	36	35	34	32	31	30	29	28	26	26	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					L —			clear			—	⅞	— Pt Cloudy		><	— cloudy			>	< clear				
Sunshine (in tenths of hours)							0	04	10	10	10	10	10	10	10	04	0	0						
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N	N	NW	NW
Wind movement	10	10	13	11	10	10	11	10	13	11	11	11	10	10	9	10	10	7	8	6	6	6	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:15 Character, Cloudy
Moonrise: 3:28 a — ?

Sunset: Time, 5:32 Character, Cloudy
Moonset: 1:35 P Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

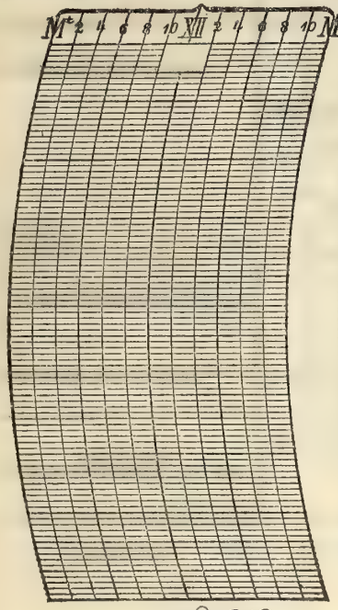
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	24	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.8 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 69
Prevailing wind direction, NE Total wind 224
Average hourly velocity, 9.3 Extreme velocity, 16
Maximum velocity, 14 Direction, NE
Time began, 2:12 a
Reduced barometer, 29.88 7 a. m. 29.93 7 p. m.
River gage, 0.2 feet
Relative humidity, 88 7 a. m. 61 7 p. m.

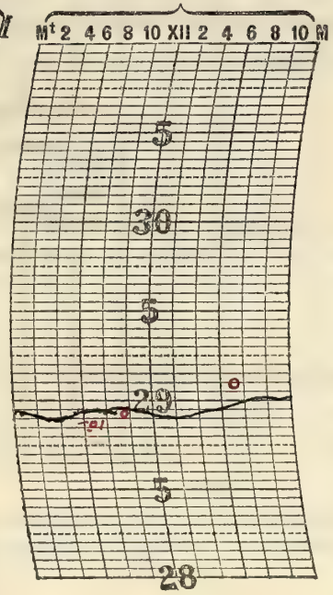
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 27.8
Dew-point, 20 R. humidity, 58 V. pressure, 103
Clouds: Amount, 4; Kind, Cist.; Direction, W
Velocity of clouds (miles per hour)

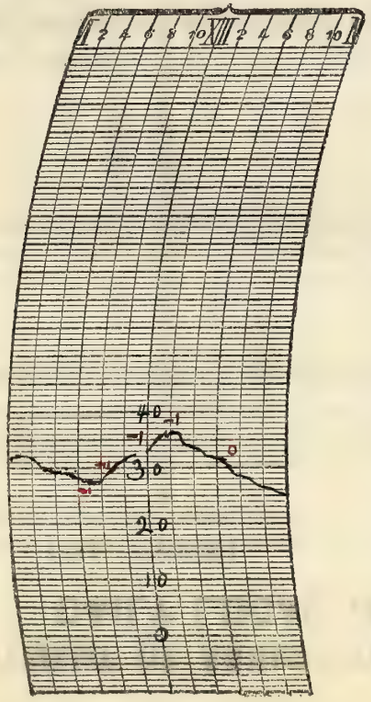
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing cloudiness during the day but clearing rapidly after sunset. Stars bright. Northeast winds chilly in the morning — warming up a little in the afternoon.
The first National Bank Building began interfering with the record of sunshine in the late afternoon, the sun setting behind the building.

Prepared by J.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	23	24	25	26	27	28	30	32	33	33	33	34	36	37	37	37	37	37	38	37	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Cloudy →																	
Sunrise: Time, Character,	6:14 Cloudy																							
Moonrise:	4:18a — ?																							
Sunset: Time, Character,																					5:33 Cloudy			
Moonset:																					2:37p Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	5	4	7	10	10	11	10	11	12	14	15	16	19	16	15	12	13	10	11	12	15	13	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	23	30	

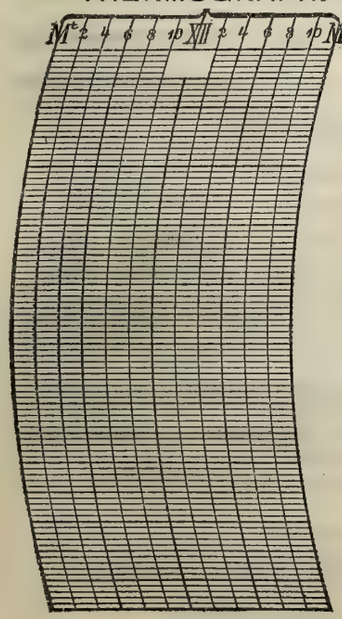
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 281
Average hourly velocity, 11.7 Extreme velocity, 26
Maximum velocity, 23 Direction, SW
Time began, 11.43 a
Reduced barometer, 29.98 7 a. m. 29.89 7 p. m.
River gage, 7.5 feet
Relative humidity, 88 7 a. m. 85 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

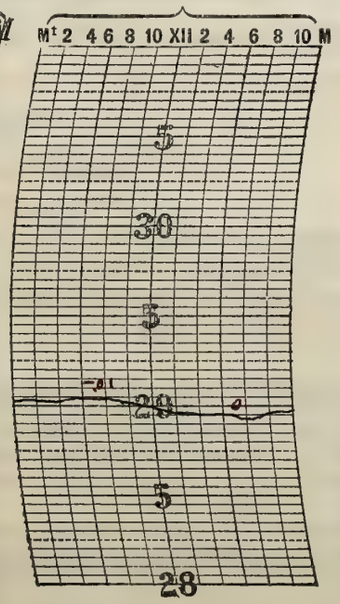
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.2 Wet temperature, 31.7
Dew-point, 29 R. humidity, 85 V. pressure, 157
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

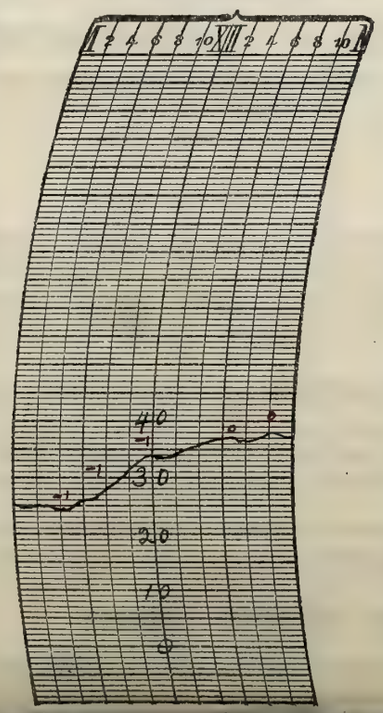
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Morning cold and disagreeable - warmer towards evening - very little thawing until afternoon. Brighter stars visible through rifts in clouds during evening.

Light floating ice.

Prepared by O. E. R.
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ....., (Date) ....., 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	35	33	32	31	31	31	33	37	42	44	46	47	48	47	46	45	43	42	40	39	38	39	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear					→	← Pt cldy		> Cldy		> ← Pt cldy		><	clear	→			
Sunshine (in tenths of hours)							.80 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0	0						
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SE	SE	SE	SE	SE	SE	SE
Wind movement	7	7	7	7	8	9	9	10	9	9	10	12	11	11	10	7	4	4	6	5	7	6	8	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:12; Character, clear. Moonrise: 5:01 a, clear.

Sunset: Time, 5:34; Character, Cloudy. Moonset: 3:42 p, Cloudy.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

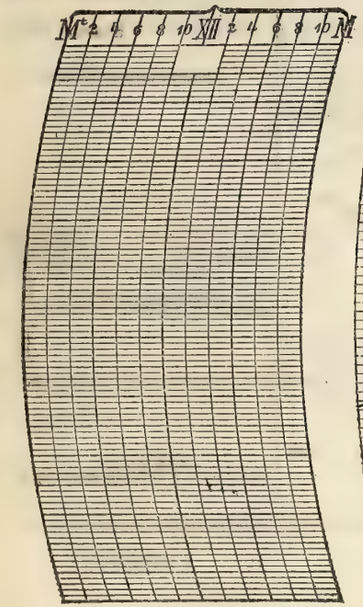
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	30	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ...
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.9 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 78
Prevailing wind direction, SW Total wind 193
Average hourly velocity, 8.0 Extreme velocity, 14
Maximum velocity, 13 Direction, SW
Time began, 7:41 a
Reduced barometer, 30.04 7 a. m. 29.94 7 p. m.
River gage, 6.8 feet
Relative humidity, 88 7 a. m. 58 7 p. m.

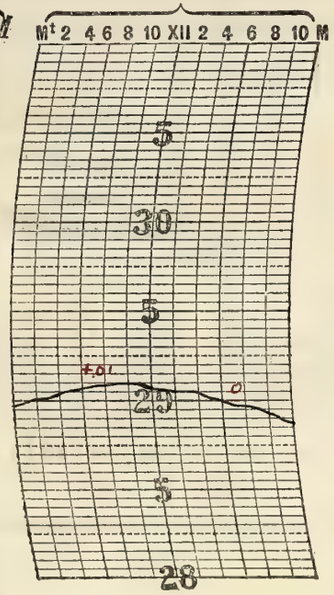
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.5 Wet temperature, 38.2
Dew-point, 28 R. humidity, 50 V. pressure, 150
Clouds: Amount, 3; Kind, Cu St; Direction, NW
Velocity of clouds (miles per hour)

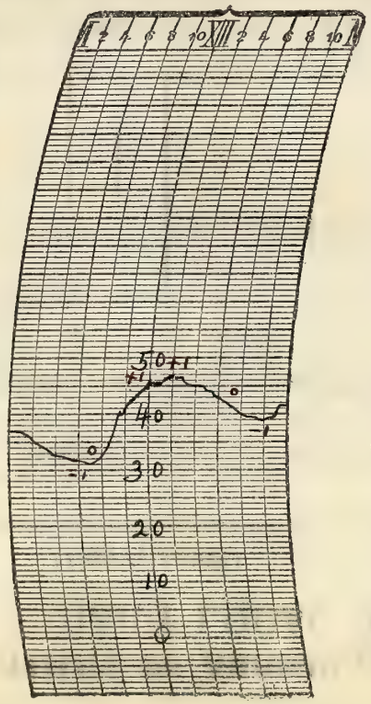
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing cloudiness from middle of forenoon to middle of afternoon then decreasing — clear into the night — stars visible. The day was warm and very pleasant.

Light floating ice

Prepared by O. E. R.

Verified by C. M. Donough

S—486

Form No. 1012—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	43	43	43	44	44	45	45	45	46	47
State of weather: Nature of precipitation and time of beginning and ending		RB Dna			RE Dna		RB 640a	RE 7:15a	RB 8:00a RE 8:30a		RB 10:08a	
Amounts of precipitation		–	–	–	–		–	–	–		–	–
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	6:10 Cloudy											
Moonrise:	5:40a Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	S	S	S	S	S	S	S	S	S	S	S
Wind movement	13	14	14	12	10	13	15	19	20	20	19	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	52	52	54	53	51	49	44	42	40	35	35
State of weather: Nature of precipitation and time of beginning and ending		RE 1:05p				RB 582p	RE 605p			RB Dnp	RE Dnp	
Amounts of precipitation	–	–				–	–			–	–	
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									5:35 Cloudy			
Moonset:									4:45p Cloudy			
Sunshine (in tenths of hours)	0	0.6	0	0.1	0	0						
Wind direction	S	S	S	S	SW	SW	W	W	W	W	NW	NW
Wind movement	19	17	16	22	14	14	9	17	14	13	13	10

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

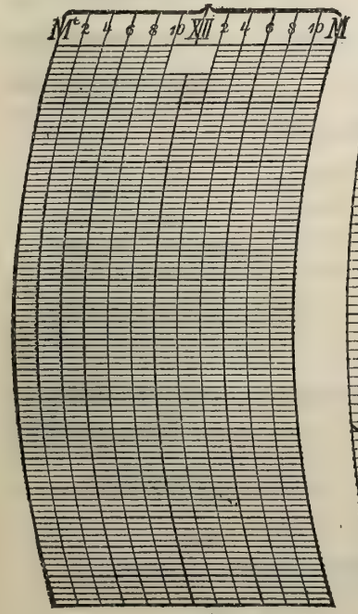
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	35	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.7 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 6
Prevailing wind direction, S Total wind 367
Average hourly velocity, 15.3 Extreme velocity, 26
Maximum velocity, 24 Direction, S
Time began, 3:45p
Reduced barometer, 29.63 7 a. m. 29.58 7 p. m.
River gage, 7.9 feet
Relative humidity, 91 7 a. m. 80 7 p. m.

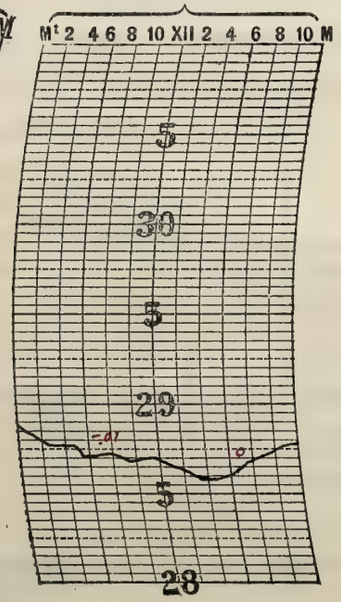
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.0 Wet temperature, 45.6
Dew-point, 44 R. humidity, 90 V. pressure, .287
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

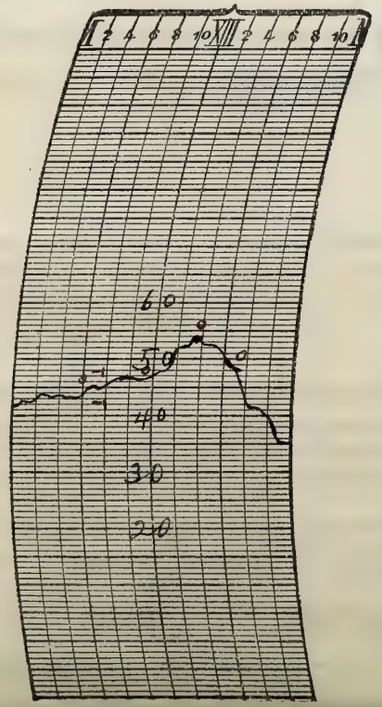
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Lower clouds prevailed throughout the day and into the night. Light rain fell at intervals all day with a strong wind most of the time. The day was moderately warm for the season.

Prepared by O. E. R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) MAR 5 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	34	34	34	34	35	36	37	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← cloudy		(P cldy)			← clear	
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	N	N	N	N	N	NW	NW	NW
Wind movement	13	10	11	12	13	7	6	7	10	12	10	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	41	40	38	36	36	34	33	32	31	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→	(P cldy)	→			← clear			→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	6.0 0						
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N
Wind movement	12	13	12	12	9	7	5	4	4	4	3	3

Sunrise: Time, 6:09; Character, Cloudy. Moonrise: 6:15a Cloudy.

Sunset: Time, 5:36; Character, Clear. Moonset: 5:49p Clear.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	31	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 4 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, New Moon 9.58 am.

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 9.2 Possible sunshine, hours, 11.4

Per cent of possible sunshine, 81

Prevailing wind direction, NW Total wind 211

Average hourly velocity, 8.8 Extreme velocity, 18

Maximum velocity, 16 Direction, NW

Time began, 3:18 a

Reduced barometer, 29.87 7 a. m. 29.97 7 p. m.

River gage, 11.8 feet

Relative humidity, 76 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

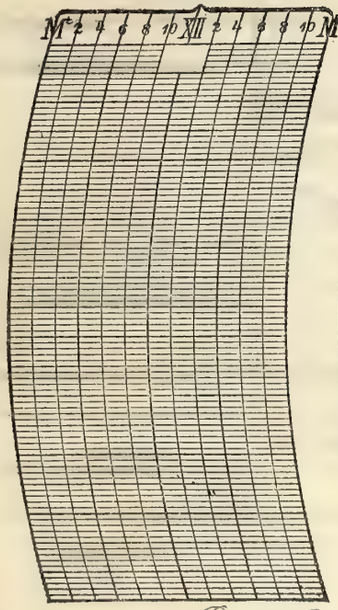
Dry temperature, 38.1 Wet temperature, 33.4

Dew-point, 27 R. humidity, 62 V. pressure, .143

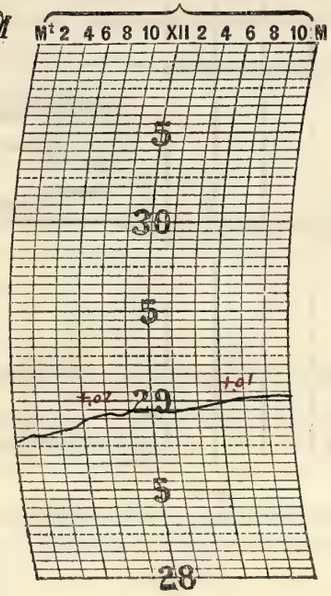
Clouds: Amount, 2; Kind, St cu; Direction, N

Velocity of clouds (miles per hour)

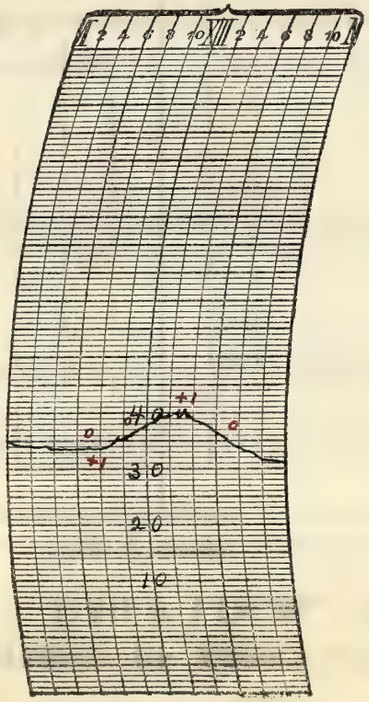
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudiness varied considerably during the day — being cloudy in the morning, partly cloudy or clear at various times and clear at night. Stars visible. The day was generally pleasant

Prepared by E. E. R.

Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	29	29	30	30	31	32	34	35	36
State of weather: Nature of precipitation and time of beginning and ending												S m B 11:28 a
Amounts of precipitation												–
Cloudiness and other conditions							←					Cloudy
Sunrise: Time, Character,	6:07	Cloudy										
Moonrise:	6:47 a	Cloudy										
Sunshine (in tenths of hours)							0	0	0.1	0.6	0.1	0
Wind direction	N	N	N	NE	NE	E	E	E	SE	E	SE	SE
Wind movement	3	3	4	5	5	4	3	4	4	4	4	4
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	36	36	34	34	34	33	27	25	24	23
State of weather: Nature of precipitation and time of beginning and ending		S m E 1:50 p		S m B 3:10 p					S m E 8:15 p			
Amounts of precipitation		–		–	–	–	–	–	–			
Cloudiness and other conditions								→				
Sunset: Time, Character,									5:37	Cloudy		
Moonset:									6:50 p	Cloudy		
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SE	SE	SE	SE	S	S	S	S	W	W	W	W
Wind movement	3	3	7	7	5	7	9	12	23	20	22	16
Maximum velocities (exceeding 29 miles) direction and time									30 W 8:13		31 W 10:03	

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	23	30	

Total depth of snow for 24 hours ending 7 p. m., T* inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T* inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 10
Actual sunshine, hours 0.8 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 7
Prevailing wind direction, SE Total wind 181
Average hourly velocity, 7.5 Extreme velocity, 34
Maximum velocity, 31 Direction, W
Time began, 10:03 p.m.
Reduced barometer, 29.93 7 a. m. 29.69 7 p. m.
River gage, 12.7 feet
Relative humidity, 80 7 a. m. 95 7 p. m.

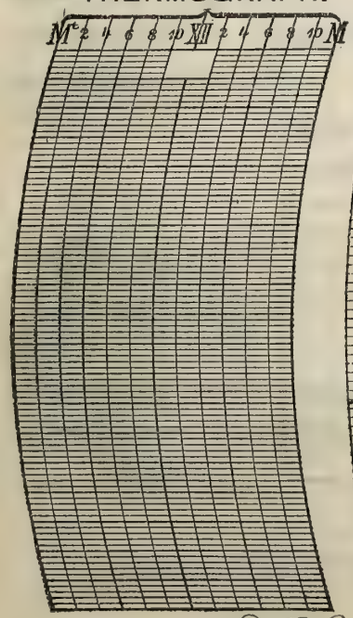
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

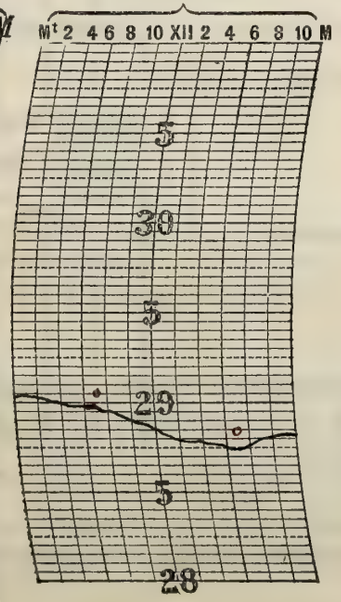
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.1 Wet temperature, 33.3
Dew-point, 30 R. humidity, 75 V. pressure, .164
Clouds: Amount, 10; Kind, Nb; Direction, SE
Velocity of clouds (miles per hour)

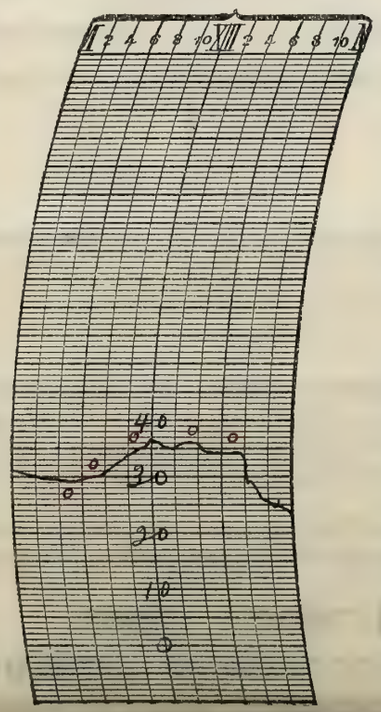
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

*Note: Snow melted as it fell. The day was generally cloudy with snow flurries from before noon until after eight at night. Most of the snow melted as it fell. The sidewalks were wet and slushy especially towards night.

Prepared by O. E. R.

Verified by O. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) ....., (Date) ....., 192

Time (local standard), 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	21	21	21	21	20	20	20	20	20	21	22	23	24	25	26	26	26	26	26	26	25	25
State of weather. Nature of precipitation and time of beginning and ending			Sd B Dn a				Sd E 6.30a	Sd B 7.05a												Sd E 7.20p				
Amounts of precipitation			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Cloudiness and other conditions							<Pt Cldy	Clear>							Cloudy									

Sunrise: Time, 6:06 Character, Cloudy
Moonrise: 7:17 a Cloudy
Sunset: Time, 5:39 Character, Cloudy
Moonset: 7:50p Cloudy

Sunshine (in tenths of hours)							0.2	0.3	0.6	1.0	0.8	0.8	1.0	0	0	0	0	0						
Wind direction	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	12	12	13	12	13	17	18	19	21	22	22	20	25	23	19	20	17	15	16	16	16	15	18
Maximum velocities (exceeding 29 miles) direction and time														30 W 1:48p										

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

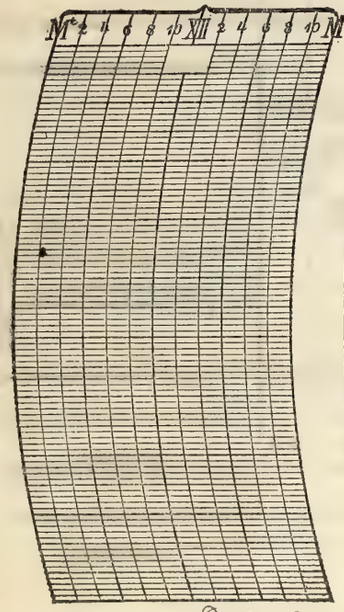
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	20	23	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.7 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 41
Prevailing wind direction, W Total wind 413
Average hourly velocity, 17.2 Extreme velocity, 37
Maximum velocity, 30 Direction, W
Time began, 1:48 P
Reduced barometer, 29.78 7 a. m. 30.06 7 p. m.
River gage, 11.5 feet
Relative humidity, 66 7 a. m. 88 7 p. m.

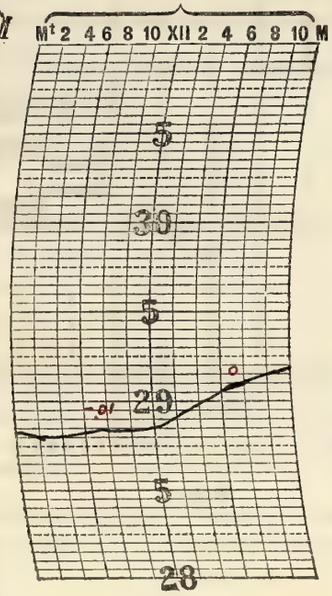
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.5 Wet temperature, 19.0
Dew-point, 16 R. humidity, 78 V. pressure, .085
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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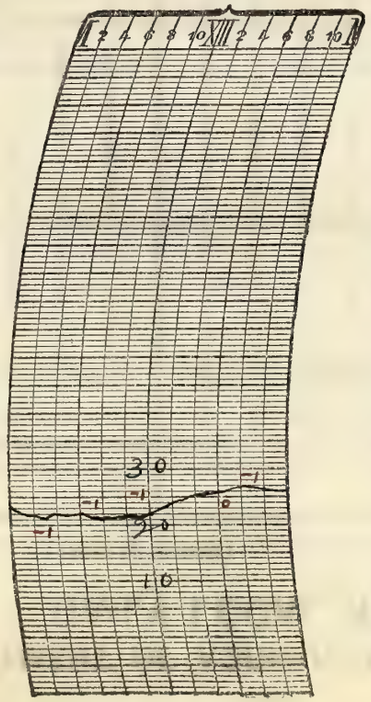


NOTES.

Snow fell the greater part of the day altho it was very light. The day was cold and very disagreeable with high winds. The sidewalks were icy in some sections of the city.

Prepared by .....
Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	23	23	23	22	24	23	23	26	27	28	28
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←					Cloudy	
Sunrise: Time, 6:04 Character, Cloudy												
Moonrise: 7:47a Cloudy												
Sunshine (in tenths of hours)							0	0.1	0	0.1	1.0	1.0
Wind direction	W	W	W	W	SW	W	W	W	W	W	W	NW
Wind movement	11	10	10	10	10	10	9	11	9	10	15	13
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	29	30	30	29	29	28	28	27	26	25
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					→	Cloudy	→		<Clear>			
Sunset: Time, 5:40 Character, Cloudy												
Moonset: 8:49p Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	NW	N
Wind movement	12	12	10	10	9	8	5	4	3	4	3	4
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	22	26	

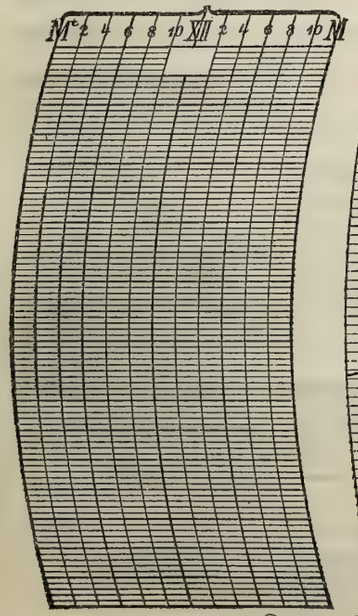
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 7.2 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 62
Prevailing wind direction, W Total wind 212
Average hourly velocity, 8.8 Extreme velocity, 19
Maximum velocity, 18 Direction, W
Time began, 10:30 a
Reduced barometer, 30.24 7 a. m. 30.28 7 p. m.
River gage, 10.3 feet
Relative humidity, 77 7 a. m. 83 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

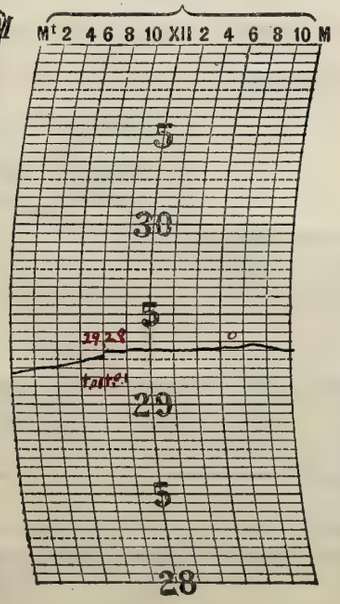
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.0 Wet temperature, 26.3
Dew-point, 23 R. humidity, 80 V. pressure, 118
Clouds: Amount, 9; Kind, Stu; Direction, NW
Velocity of clouds (miles per hour) .....

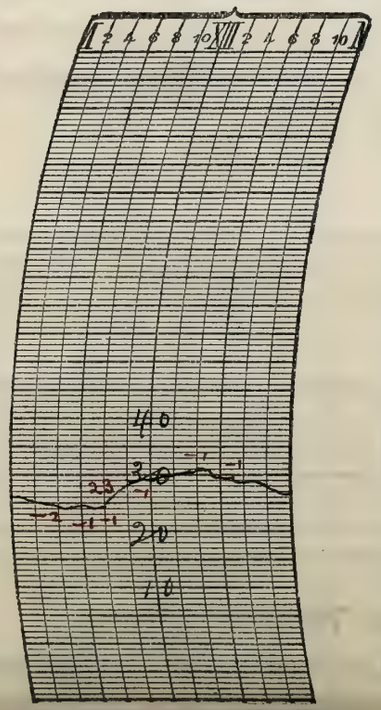
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold and disagreeable in the morning, warming up slightly in the afternoon. Cloudy most of the day — clearing at sunset. Stars bright at night. The crescent of the new moon and Venus passed within three or four degrees of each other.

Light floating ice.

Prepared by O. E. R.
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	23	22	21	21	22	23	24	25	27	28	29	30	30	30	30	30	29	28	28	28	28	27	27
State of weather. Nature of precipitation and time of beginning and ending																Sm B 3:02 p							Sm Continued	
Amounts of precipitation																								
Cloudiness and other conditions							←						Cloudy						→					

Sunrise: Time, 6:02 Character, Cloudy
Moonrise: 8:16 a Cloudy

Sunset: Time, 5:41 Character, Cloudy
Moonset: 9:47 p Cloudy

Sunshine (in tenths of hours)							0	0	0.3	0	0	0.2	0.9	0	0	0	0	0						
Wind direction	N	N	NE	NE	NE	NE	E	E	E	E	SE	S	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	3	6	6	6	5	5	6	4	4	4	3	7	8	9	9	10	9	9	9	9	9	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

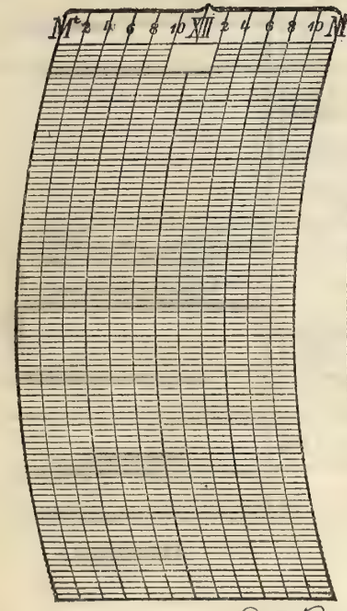
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	21	26	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, 1.5* inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .16* inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 1.4 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 12
Prevailing wind direction, NE Total wind 160
Average hourly velocity, 6.7 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 9:00 p.m.
Reduced barometer, 30.21 7 a. m. 29.92 7 p. m.
River gage, 9.9 feet
Relative humidity, 84 7 a. m. 96 7 p. m.

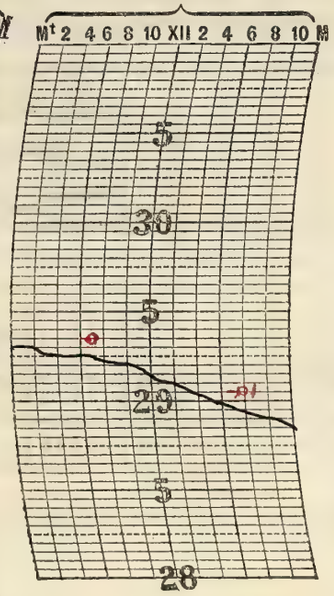
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.1 Wet temperature, 27.0
Dew-point, 24 R. humidity, 77 V. pressure, 124
Clouds: Amount, 7/3; Kind, St+Cu; Direction, SE
Velocity of clouds (miles per hour)

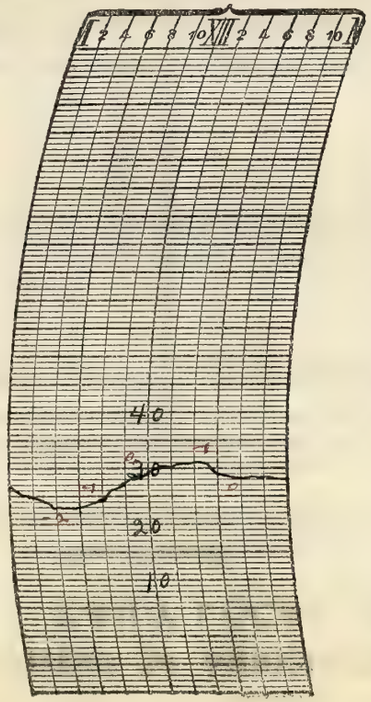
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Estimated

Cloudy throughout the day with little change in temperature. Snow began falling at 3:02 pm and continued past mid-night

Light floating ice.

Prepared by J. E. R.
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) Mar 10 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	27	27	27	27	27	27	27	27	27	28	28	29	29	31	31	31	31	31	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending	Sn Continued																						Sn Continued	
Amounts of precipitation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cloudiness and other conditions							←						Cloudy						→					

Sunrise: Time, 6:01 Character, Cloudy
Moonrise: 8:48a Cloudy

Sunset: Time, 5:42 Character, Cloudy
Moonset: 10:43p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.6	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	NW	NW	NW	N	N	N	N	N	N	N	N	N
Wind movement	10	11	11	12	12	13	10	9	8	7	6	9	8	8	8	8	7	7	8	8	7	7	7	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

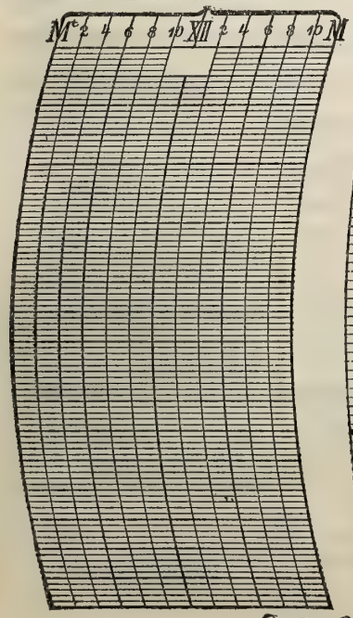
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	26	29	

Total depth of snow for 24 hours ending 7 p. m., 5.4 inches.
Snow, sleet, and hail on ground 7 p. m., 5.6 inches.
Total snowfall, midnight to midnight, 4.1* inches.
Precipitation to 7 a. m., 3.0 ins.; to 7 p. m., 3.6 ins.
Total precipitation, midnight to midnight, 4.2* inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.6 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 5
Prevailing wind direction, N Total wind 210
Average hourly velocity, 8.8 Extreme velocity, 15
Maximum velocity, 14 Direction, NE
Time began, 4:58 am
Reduced barometer, 29.60 7 a. m. 29.55 7 p. m.
River gage, 9.4 feet
Relative humidity, 95 7 a. m. 89 7 p. m.

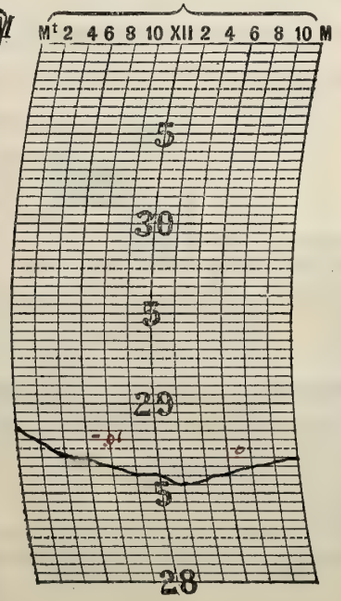
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.0 Wet temperature, 28.0
Dew-point, 28 R. humidity, 100 V. pressure, .150
Clouds: Amount, 10; Kind, Nb; Direction, N
Velocity of clouds (miles per hour)

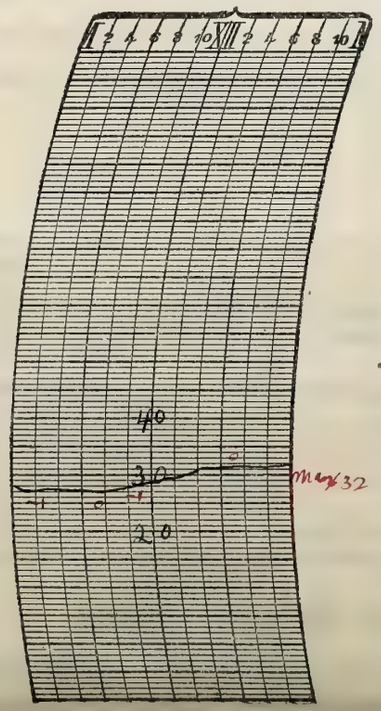
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Estimated

Snow continued to fall during the entire 24 hours of the day - being heaviest about the noon hour.

Light floating ice.

Prepared by OER

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) ....., (Date) ....., 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	33	33	33	33	33	34	35	35
State of weather. Nature of precipitation and time of beginning and ending	Sm cont'd	SME Dna	RB Dna					RE 7:10a SMB 7:10a				
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions							←				Cloudy	→
Sunshine (in tenths of hours)						0	0	0	0	0.8	0.7	0.8
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	9	9	8	9	9	9	9	7	7	8	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	37	37	36	35	35	35	34	34	34	34	34
State of weather. Nature of precipitation and time of beginning and ending	SME 12:10											
Amounts of precipitation	–											
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0	0						
Wind direction	N	N	N	N	N	N	N	N	N	NW	NW	NW
Wind movement	9	10	11	10	10	9	10	10	10	10	12	13

Sunrise: Time, 5:59 Character, Cloudy
Moonrise: 9:22a Cloudy

Sunset: Time, 5:43 Character, Cloudy
Moonset: 11:38p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

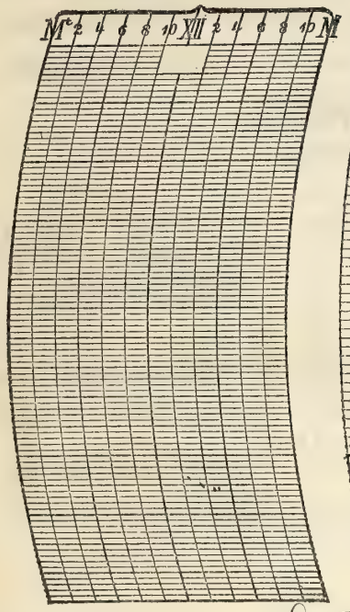
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	32	35	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 2.8 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.1 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 52
Prevailing wind direction, N Total wind 226
Average hourly velocity, 9.4 Extreme velocity, 14
Maximum velocity, 14 Direction, N
Time began, 11:46 p.m.
Reduced barometer, 29.76 7 a. m. 29.92 7 p. m.
River gage, 7.4 feet
Relative humidity, 94 7 a. m. 75 7 p. m.

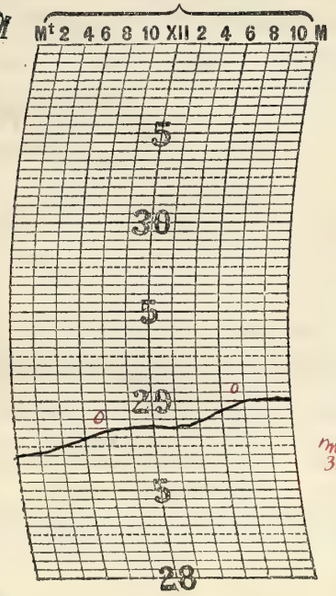
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.0 Wet temperature, 32.7
Dew-point, 29 R. humidity, 79 V. pressure, .157
Clouds: Amount, 10; Kind, St; Direction, N
Velocity of clouds (miles per hour)

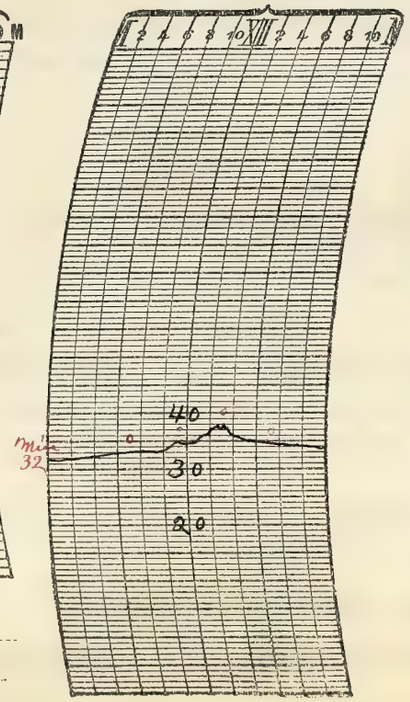
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The snow flurries continued from the day previous turning to fine rain some time during the night am and again turning to light snow which ended shortly after noon. The temperature rose in the p.m. and the snow melted down rapidly.

Prepared by O.E.R.
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard) 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	34	33	32	32	32	32	33	34	35	36	37	37	38	38	36	35	34	32	31	31	30	29
State of weather: Nature of precipitation and time of beginning and ending							SmB 625a	SmE 730a																
Amounts of precipitation							–	–																
Cloudiness and other conditions						←	Cloudy					→	←	Pt Cloudy			→	←	clear	→				
Sunrise: Time, 557 Character, Cloudy																					Sunset: Time, 544 Character, Cloudy			
Moonrise: 10:00a Cloudy																					Moonset: — —			
Sunshine (in tenths of hours)						0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2						
Wind direction	N	N	N	NW	NW	NW	NW	NW	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	10	9	9	9	10	9	11	11	11	13	13	12	13	13	12	12	8	9	9	10	9	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

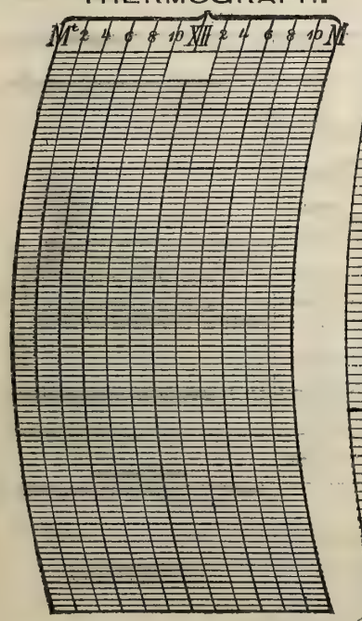
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	29	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase, ...
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.3 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 79
Prevailing wind direction, NW Total wind 252
Average hourly velocity, 10.5 Extreme velocity, 17
Maximum velocity, 16 Direction, NW
Time began, 1:30 p.m.
Reduced barometer, 30.05 7 a. m. 30.09 7 p. m.
River gage, 6.0 feet
Relative humidity, 91 7 a. m. 72 7 p. m.

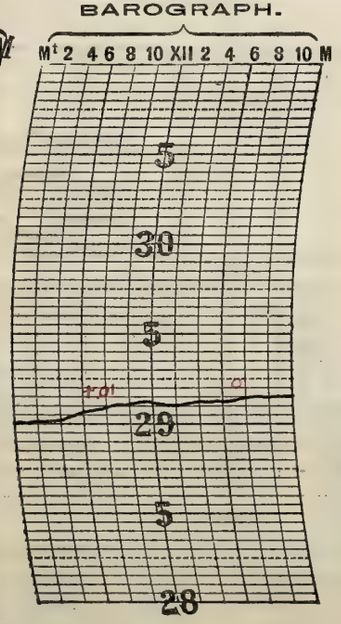
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.6 Wet temperature, 32.3
Dew-point, 27 R. humidity, 70 V. pressure, 143
Clouds: Amount, 4; Kind, Ci & Cu; Direction, NW
Velocity of clouds (miles per hour)

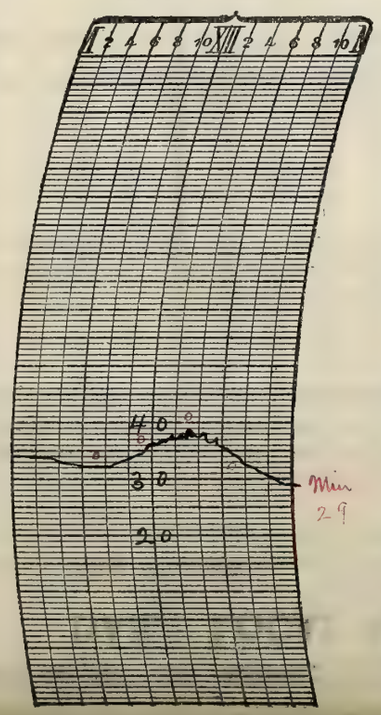
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The cloudiness of the morning gradually decreased till it was clear at night. The temperature rose gradually and the snow remaining from the day before melted rapidly – disappearing entirely except in protected places or where it had been piled up.

Prepared by O.E.R.
Verified by S. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 13 1913, 192

Time (local standard) 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	29	29	28	27	27	28	29	31	32	33	35	35	36	37	36	36	34	32	31	30	29	28	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← clear						→	← Pt Cloudy					→	← clear					→
Sunshine (in tenths of hours)						0	0.4	1.0	1.0	1.0	1.0	0.5	0.7	0.8	0.6	0.3	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	NE	NW	N	N	N	N	N	N	N	N	NE	NE	N	NE
Wind movement	8	9	9	7	8	8	8	8	9	10	5	6	9	10	9	10	7	6	5	8	8	9	5	7

Sunrise: Time, 5:56 Character, Cloudy
Moonrise: 10:40 a Cloudy
Sunset: Time, 5:45 Character, Cloudy
Moonset: 12:32 a Clear?

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

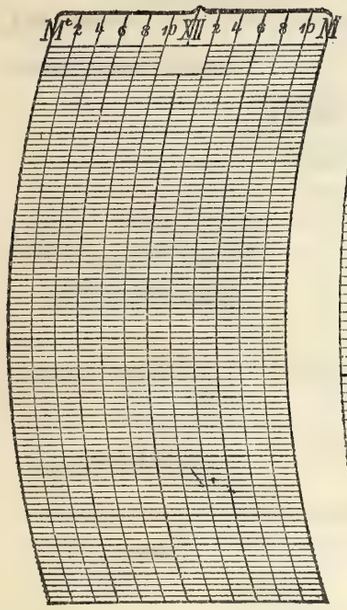
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	27	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, First Quarter 10:50 am
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.3 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 62
Prevailing wind direction, N Total wind 188
Average hourly velocity, 7.8 Extreme velocity, 13
Maximum velocity, 12 Direction, N
Time began, 2:21 pm
Reduced barometer, 30.09 7 a. m. 29.98 7 p. m.
River gage, 10.3 feet
Relative humidity, 74 7 a. m. 75 7 p. m.

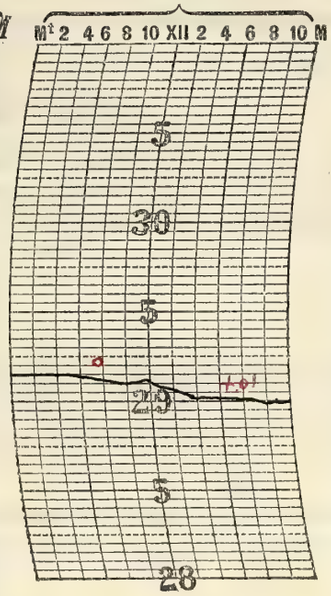
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.6 Wet temperature, 30.8
Dew-point, 25 R. humidity, 65 V. pressure, 130
Clouds: Amount, 6; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

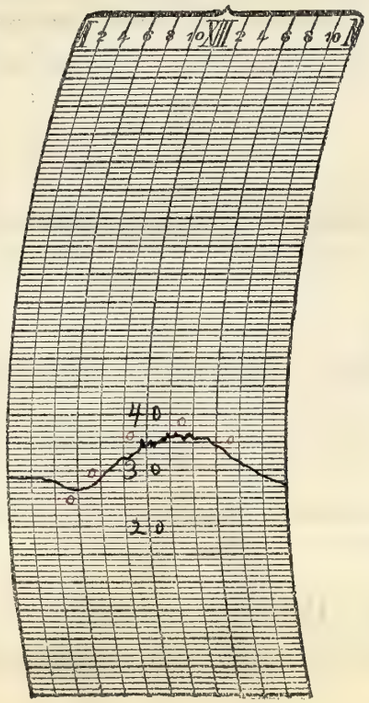
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Some clouds throughout the day but clear at night. Stars and moon shone brightly. The temperature was quite similar to the two preceding days

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90" mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	25	25	23	23	22	22	23	24	26	27	27	28	28	28	28	28	28	27	27	27	26	26	25
State of weather. Nature of precipitation and time of beginning and ending												Sm B 11:30					Sm E 4:30							
Amounts of precipitation																								
Cloudiness and other conditions						← Part Cloudy →						← Cloudy												→
																				← Clear →				
	Sunrise: Time, 5:54 Character, Cloudy Moonrise: 11:26 a Cloudy																				Sunset: Time, 5:46 Character, Cloudy Moonset: 11:24 a Clear?			
Sunshine (in tenths of hours)						0	0	0	0.1	0.3	0.4	0	0	0	0	0	0	0						
Wind direction	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	5	5	7	10	7	7	6	10	9	9	8	8	7	8	7	8	8	8	8	7	7	4	4	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	22	25	

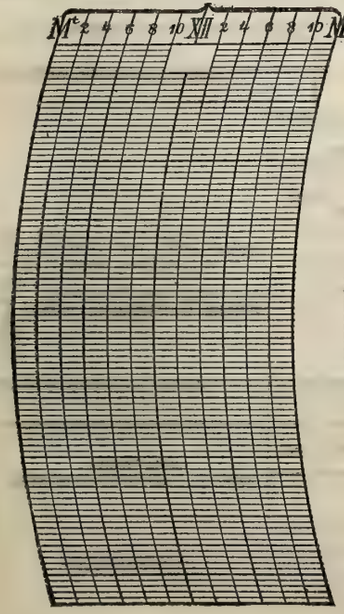
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0.8 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 7
Prevailing wind direction, N Total wind 174
Average hourly velocity, 7.2 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 7:45 am _____
Reduced barometer, 29.88 7 a. m. 29.86 7, p. m.
River gage, 10.9 feet
Relative humidity, 76 7 a. m. 65 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

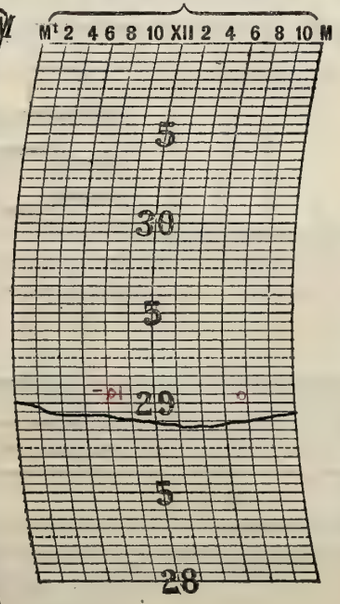
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 26.8 Wet temperature, 22.6
Dew-point, 13 R. humidity, 51 V. pressure, 0.74
Clouds: Amount, 10; Kind, Nb; Direction, N
Velocity of clouds (miles per hour) _____

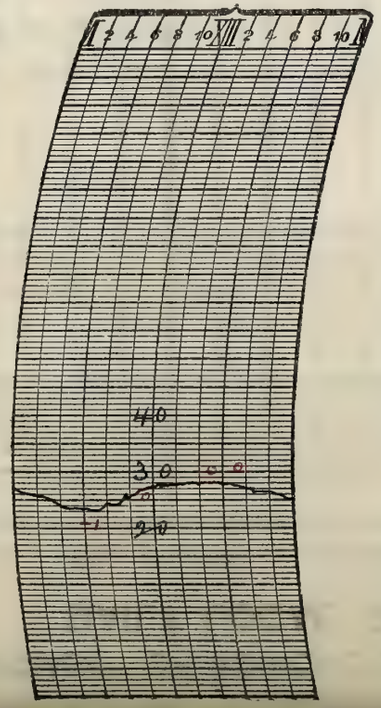
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy most of the day with very light snow flurries from eleven thirty to four thirty. Sky clear after nightfall with moon and stars bright. The day was chilly and disagreeable.

Prepared by O&R

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	23	23	22	22	21	20	23	26	28	29	31	31	31	32	31	31	30	30	29	28	27	28	28
State of weather. Nature of precipitation and time of beginning and ending															SMB 2:27 SME 2:45		SMB 4:50	SME 5:50						
Amounts of precipitation															—		—	—						
Cloudiness and other conditions						← clear						→	← Pt cldy →			← cloudy →			← Pt cldy					
Sunshine (in tenths of hours)						.12 0	1.0 0	0.7 0.3	1.0	1.0	1.0	1.0	0.8	0.4	0.2	0.8	0	0						
Wind direction	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	6	5	4	5	5	5	6	8	12	12	13	14	15	16	16	16	16	13	14	16	12	15	13	16
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:53 Character, clear
Moonrise: 12:17p Cloudy
Sunset: Time, 5:47 Character, Cloudy
Moonset: 2:13a Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

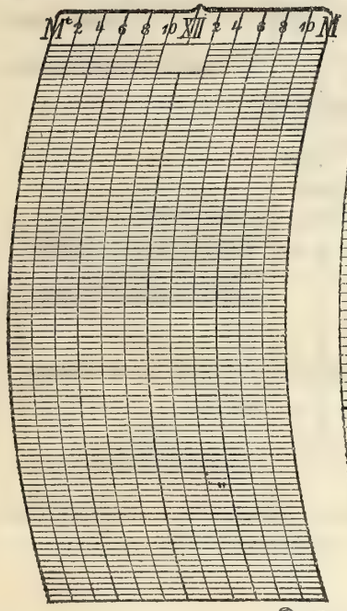
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	20	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.3 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 70
Prevailing wind direction, NW Total wind 273
Average hourly velocity, 11.4 Extreme velocity, 21
Maximum velocity, 21 Direction, NW
Time began, 7:42 am
Reduced barometer, 29.98 7 a. m. 30.09 7 p. m.
River gage, 9.0 feet
Relative humidity, 70 7 a. m. 61 7 p. m.

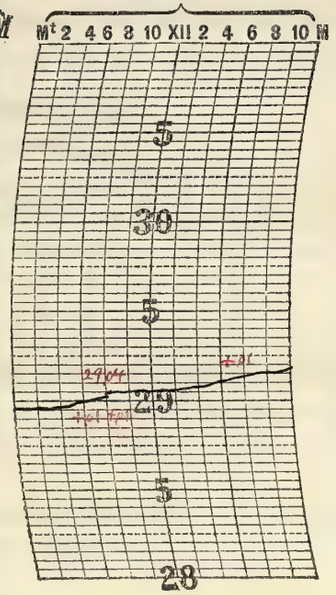
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.5 Wet temperature, 26.0
Dew-point, 17 R. humidity, 52 V. pressure, .089
Clouds: Amount, 2; Kind, St+Cu; Direction, NW
Velocity of clouds (miles per hour)

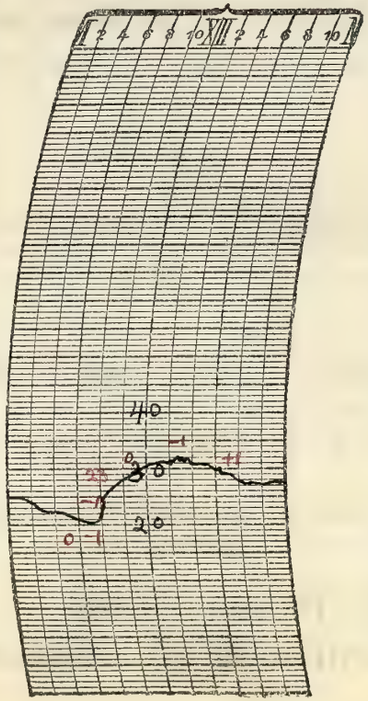
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear in the morning, cloudy in the afternoon with light snow flurries. The day was unpleasant on account of chilly northwest winds. Moon and stars visible through clouds which were moving rapidly from northwest.

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	26	25	25	26	26	26	29	32	34	36	37	38	39	39	38	37	34	33	32	30	29	29	28
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←				Clear								→					
Sunshine (in tenths of hours)						.15 0	1.0 0	0.6 0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.5 0						
Wind direction	NW	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	8	8	10	11	13	12	11	12	15	14	16	17	16	16	14	15	11	8	6	6	7	6	5
Maximum velocities (exceeding 29 miles) direction and time.																								

Sunrise: Time, 5:51 Character, Clear
Moonrise: 1:12 p Clear

Sunset: Time, 5:48 Character, Cloudy
Moonset: 2:59 a —?

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts .....

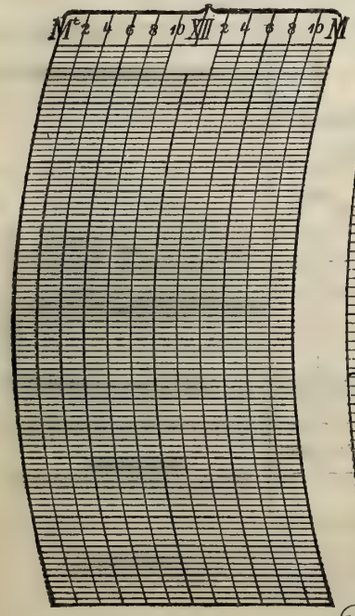
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	25	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ...
Average daily cloudiness (0–10), 1
Actual sunshine, hours, 11.4 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 95
Prevailing wind direction, NW Total wind 269
Average hourly velocity, 11.2 Extreme velocity, 24
Maximum velocity, 20 Direction, NW
Time began, 12:59 pm
Reduced barometer, 30.18 7 a. m. 30.19 7 p. m.
River gage, 7.3 feet
Relative humidity, 82 7 a. m. 53 7 p. m.

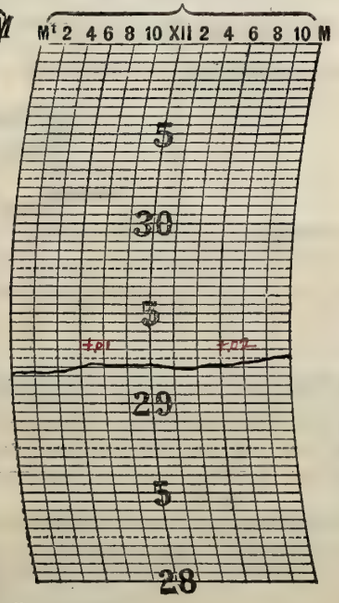
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.8 Wet temperature, 30.5
Dew-point, 20 R. humidity, 46 V. pressure, .103
Clouds: Amount, Few; Kind, Sf Cu; Direction, NW
Velocity of clouds (miles per hour) .....

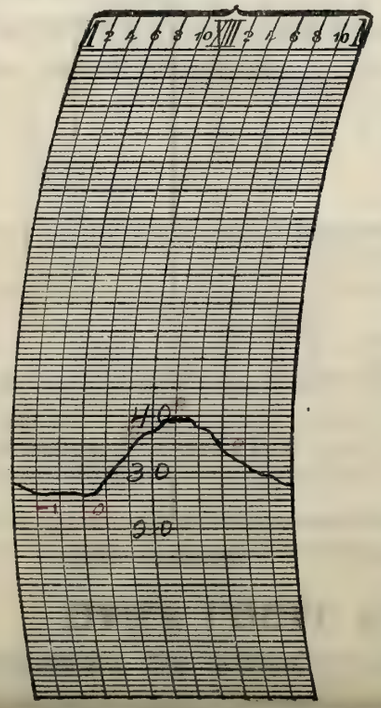
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was clear with rising temperature and pleasant in spite of chilly northwest wind. Moon and stars bright.

Prepared by E. E. P.
Verified by P. McDonough

8—486

Form No. 1014—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Worth, Tex., (Day of week) Monday, (Date) MAR 17 1924, 192

Time (local standard), 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	26	26	26	26	27	27	28	30	32	34	36	35	37	36	36	35	35	35	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←						Cloudy						→					
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.2	0	0.3	0	0	0	0	0						
Wind direction	N	N	N	N	NE	NE	NE	NE	E	E	SE	SE	SE	SE	S	SE	E	E	E	E	SE	SE	SE	SE
Wind movement	4	6	5	4	5	4	3	3	6	6	6	5	6	4	5	2	4	4	5	4	3	3	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:49; Character, Cloudy. Moonrise: 2:13 p, Cloudy.

Sunset: Time, 5:50; Character, Cloudy. Moonset: 3:42 a, Cloudy.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

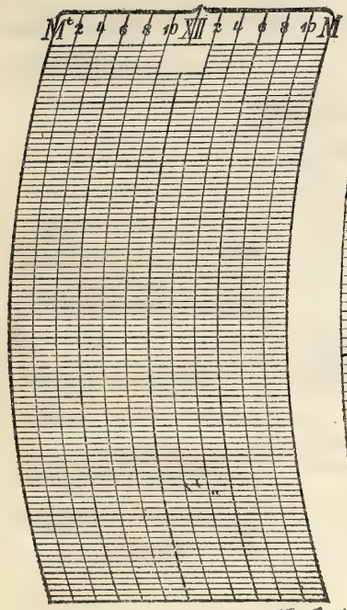
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	26	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.7. Possible sunshine, hours, 12.0
Per cent of possible sunshine, 6
Prevailing wind direction, SE. Total wind 104
Average hourly velocity, 4.3. Extreme velocity, 9
Maximum velocity, 9. Direction, E
Time began, 9:09 am.
Reduced barometer, 30.27 7 a. m. 30.04 7 p. m.
River gage, 6.6 feet
Relative humidity, 71 7 a. m. 64 7 p. m.

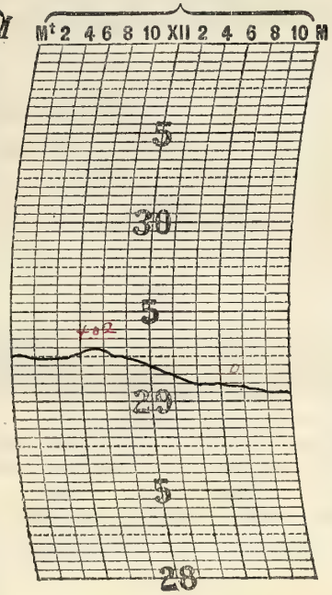
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.3. Wet temperature, 30.3
Dew-point, 26. R. humidity, 71. V. pressure, .136
Clouds: Amount, 6 2; Kind, a st a cu; Direction, W
Velocity of clouds (miles per hour)

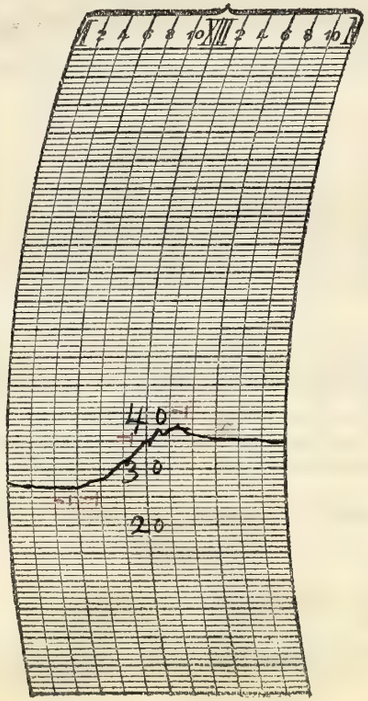
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The upper clouds of the morning gradually lowered and became thicker. Cloudy into the night. Some thawing occurred during the afternoon.

Prepared by C.E.R.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) Tuesday, (*Date*) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	34	33	33	32	32	32	32	32	33	34
State of weather: Nature of precipitation and time of beginning and ending		SmB Dua										
Amounts of precipitation		—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, Character,	5:48 Cloudy											
Moonrise:	3:17p Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	E	E	E	E	NE	NE	NE	NE
Wind movement	3	3	3	4	3	5	6	6	9	9	8	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	33	34	34	34	33	33	33	33	33	32	32
State of weather: Nature of precipitation and time of beginning and ending					SmE 4:10							
Amounts of precipitation	—	—	—	—	—							
Cloudiness and other conditions												
Sunset: Time, Character,									5:51 Cloudy			
Moonset:									4:22a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	N	N	N	N	N	N	N	NW	NW	N
Wind movement	7	6	8	8	7	7	5	5	6	7	5	6

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	31	33	

Total depth of snow for 24 hours ending 7 p. m., T* inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind 142
Average hourly velocity, 5.9 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 10:00 am
Reduced barometer, 29.91 7 a. m. 29.96 7 p. m.
River gage, 5.7 feet
Relative humidity, 100 7 a. m. 85 7 p. m.

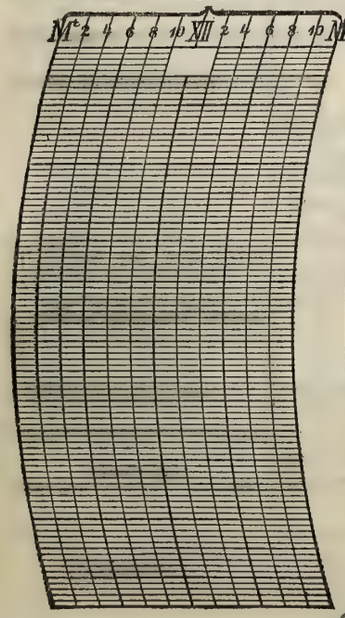
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

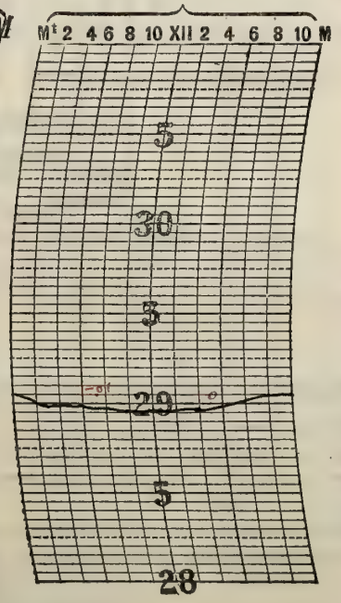
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.0 Wet temperature, 31.3
Dew-point, 29 R. humidity, 83 V. pressure, .157
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

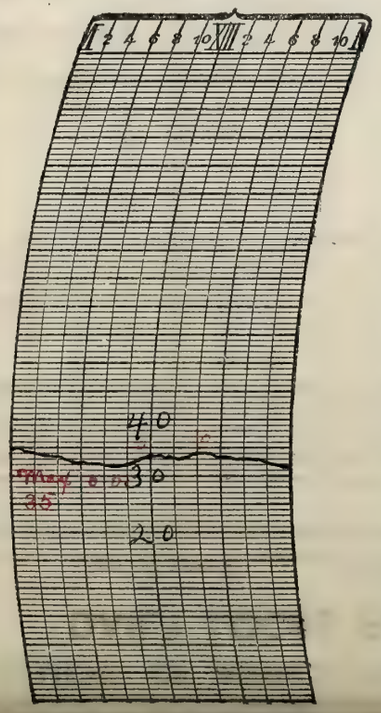
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* melted as it fell
Cloudy all day with light snow flurries from early a.m. until after 4 p.m. The snow melted as it fell. The sky cleared about 10 p.m. – Moon & stars bright.

Prepared by O. E. P.
Verified by P. McDonough

8—486

FORM NO. 1012—MET.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) Wednesday, (Date) ....., 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	28	27	26	26	26	28	31	33	36	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)						.23 0	1.0 0	.04 0.6	1.0	1.0	1.0	1.0
Wind direction	N	NW	NW	NW	NW	N	N	N	N	NW	NW	N
Wind movement	5	6	6	4	5	3	5	4	4	6	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	41	41	41	39	38	35	34	33	31	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	.87 0						
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	5	5	6	6	7	10	7	6	6	10	10	12

Sunrise: Time, 5:46 Character, Clear
Moonrise: 4:23p Clear

Sunset: Time, 5:52 Character, Clear
Moonset: 5:00a Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

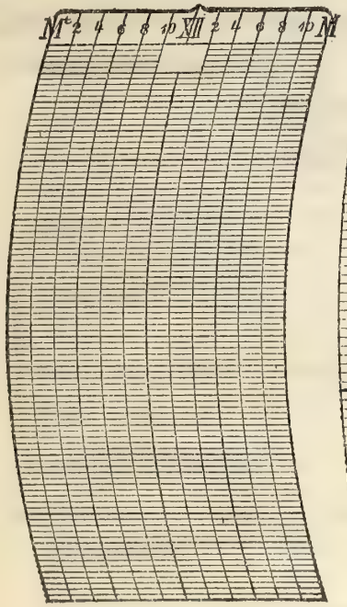
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	26	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ...
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.1 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind 151
Average hourly velocity, 6.3 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 11:52 p.m.
Reduced barometer, 30.03 7 a. m. 29.99 7, p. m.
River gage, 5.1 feet
Relative humidity, 88 7 a. m. 54 7 p. m.

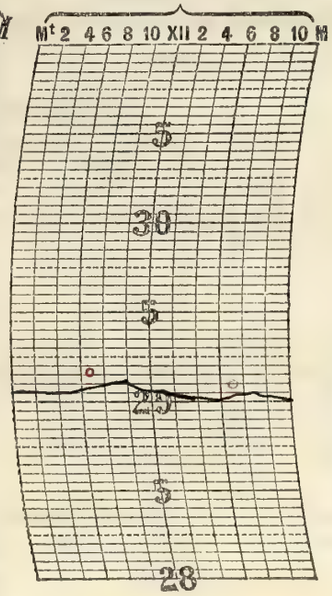
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.7 Wet temperature, 32.2
Dew-point, 26 R. humidity, 62 V. pressure, 136
Clouds: Amount, 3; Kind, Ci St.; Direction, W
Velocity of clouds (miles per hour) .....

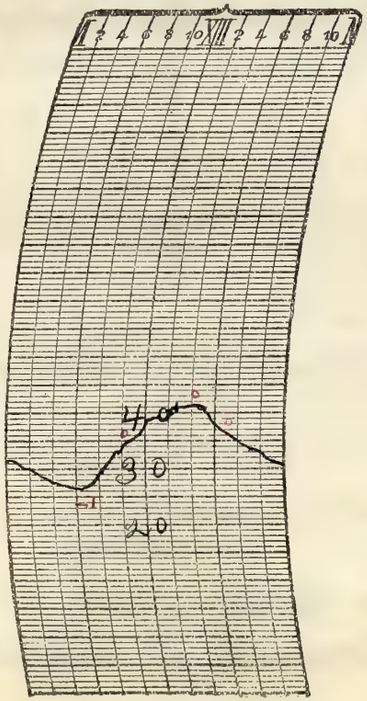
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was clear with a few thin upper clouds most of the time and some scattered lower clouds at night. Rising temperature. Bright moonlight from the nearly full moon.
A well defined lunar halo 22° radius, observed at 10:30 p.m.

Prepared by C.E.K.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90" mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	29	29	28	28	28	28	28	29	30	31	31	32	32	33	29	30	30	30	31	30	30	30	30
State of weather. Nature of precipitation and time of beginning and ending																SMB 3:22							8m Contd	
Amounts of precipitation																–	–	–	–	–	–	–	–	–
Cloudiness and other conditions							← Cloudy →																	
	Sunrise: Time, 5:44 Character, Cloudy. Moonrise: 5:32p Cloudy																				Sunset: Time, 5:53 Character, Cloudy. Moonset: 5:35a Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	12	16	19	16	15	15	19	20	24	26	26	24	22	24	26	23	23	20	20	22	22	20	18
Maximum velocities (exceeding 29 miles) direction and time										32 NE 9:38	30 NE 10:17	30 NE 11:07			31 NE 2:52	30 NE 3:38								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																			

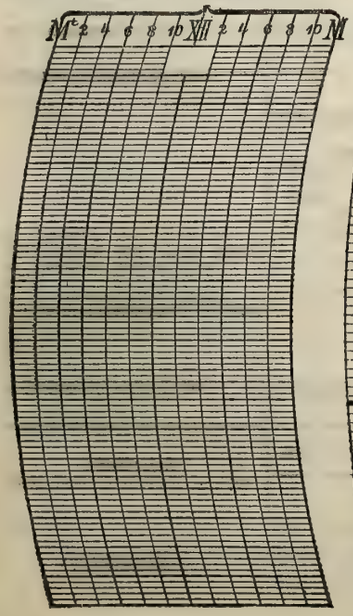
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	28	30	

Total depth of snow for 24 hours ending 7 p. m., 1.8 inches.
Snow, sleet, and hail on ground 7 p. m., 1.8 inches.
Total snowfall, midnight to midnight, 2.8 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .18 ins.
Total precipitation, midnight to midnight, .28 inches.
Character of day, Cloudy Moon phase, Full Moon 10:30 pm
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 483*
Average hourly velocity, 20.1 Extreme velocity, 38*
Maximum velocity, 32* Direction, NE
Time began, 9:38 am
Reduced barometer 29.92 7 a. m. 29.57 7 p. m.
River gage, 4.8 feet
Relative humidity, 78 7 a. m. 95 7 p. m.

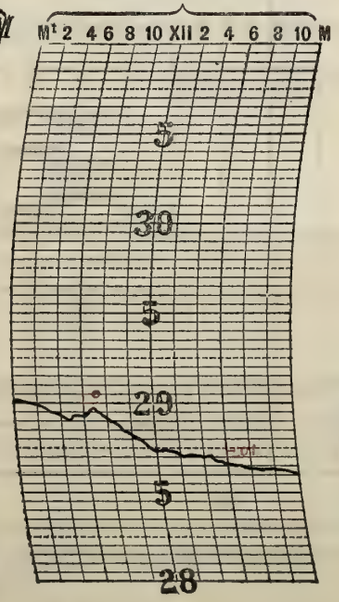
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.3 Wet temperature, 29.0
Dew-point, 25 R. humidity, 76 V. pressure, 130
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

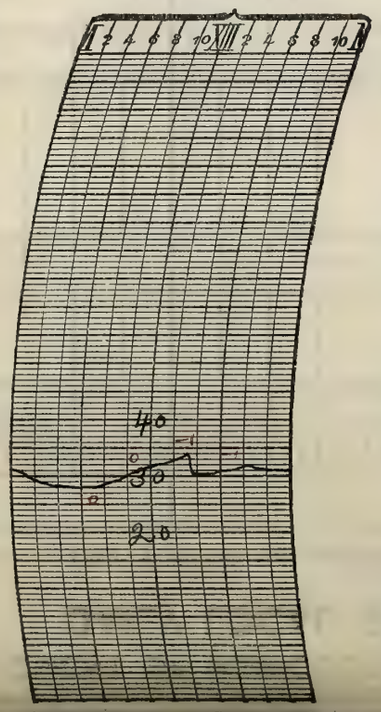
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Estimated * Interpolated * For 17 hr + 20 min.
Cloudy all day with little change in temperature. Strong north and northeast winds. Snow began in the afternoon and continued past midnight.

Vernal Equinox, spring commences at 3:20 p.m. today.

Prepared by .....

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) ....., (Date) ....., 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	30	31	31	31	31	31	31	32
State of weather. Nature of precipitation and time of beginning and ending	SM Cont'd											
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N
Wind movement	18*	18*	16*	14*	13*	12*	8*	12	11	11	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	33	33	33	33	33	33	34	34
State of weather. Nature of precipitation and time of beginning and ending											SM Cont'd	
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	9	7	9	9	11	9	10	8	8	7	7	6

Sunrise: Time, 5:43 Character, Cloudy
Moonrise: 6:42p Cloudy

Sunset: Time, 5:54 Character, Cloudy
Moonset: 6:10a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

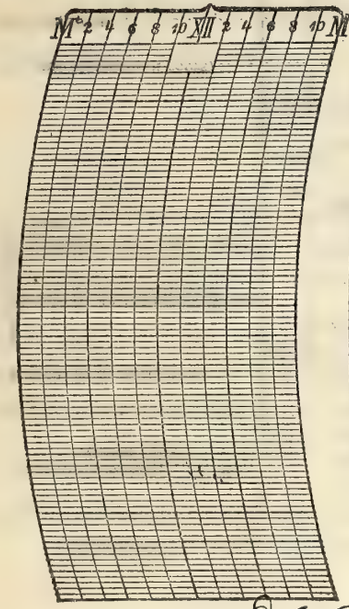
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	30	32	

Total depth of snow for 24 hours ending 7 p. m., 2.5 inches.
Snow, sleet, and hail on ground 7 p. m., 3.8 inches.
Total snowfall, midnight to midnight, 1.5* inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .21* inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind *252
Average hourly velocity, 10.5 Extreme velocity, 20*
Maximum velocity, 20* Direction, NE
Time began, 12:30 am.
Reduced barometer, 29.57 7 a. m. 29.86 7 p. m.
River gage, 4.7 feet
Relative humidity, 98 7 a. m. 100 7 p. m.

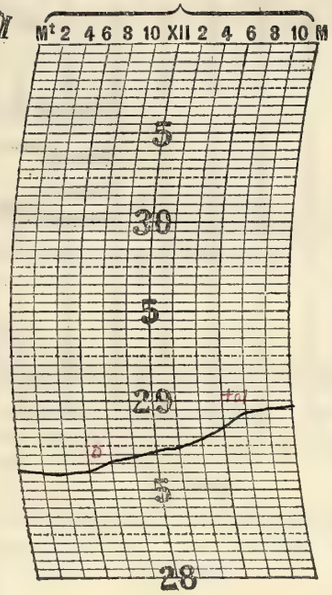
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.2 Wet temperature, 32.2
Dew-point, 32 R. humidity, 100 V. pressure, .180
Clouds: Amount, 10; Kind, Nb; Direction, N
Velocity of clouds (miles per hour) .....

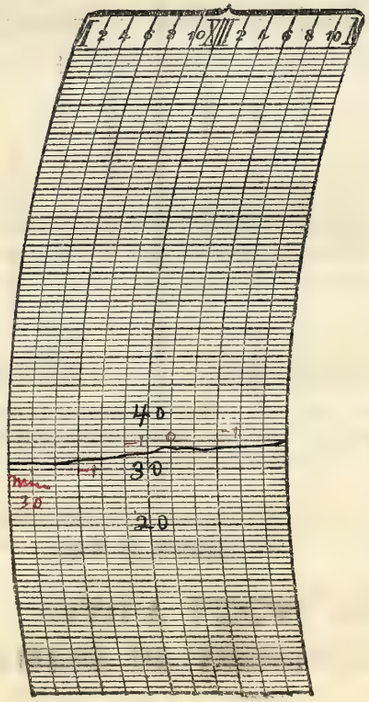
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

*Estimated *Interpolated

Snow continued to fall the entire 24 hours, the most of it melting as it fell after 7 am. The temperature varied little from the freezing point all day.

The total depth of snowfall of 4.3 inches ending at 7 am is a record for this time of the season.

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ....., (Date) Mar 13 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	33	33	33	34	34	35	36	36	37
Nature of precipitation and time of beginning and ending	SM cont'd									SM6 920		
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–		
Cloudiness and other conditions						← Cloudy →						
Sunrise: Time, Character,	5:41 Cloudy											
Moonrise:	7:54p Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	N	NE	NE	N	N	N	NE	NE	NE	NE	NE	NE
Wind movement	5	7	6	4	4	6	7	8	8	8	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	41	42	42	40	39	39	39	39	38	38
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy →		← Cloudy →					
Sunset: Time, Character,									5:55 Cloudy			
Moonset:									646a Cloudy			
Sunshine (in tenths of hours)	0.3	0	0.8	0.5	0.1	0						
Wind direction	NE	N	NE	NE	NE	N	NE	NE	NE	E	E	E
Wind movement	6	6	7	9	7	6	7	6	7	5	5	5

Maximum velocities (exceeding 29 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	33	38	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.2 inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.7 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 14
Prevailing wind direction, NE Total wind 152
Average hourly velocity, 6.3 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 3:58 p.m.
Reduced barometer, 30.04 7 a. m. 30.10 7 p. m.
River gage, 4.2 feet
Relative humidity, 95 7 a. m. 84 7 p. m.

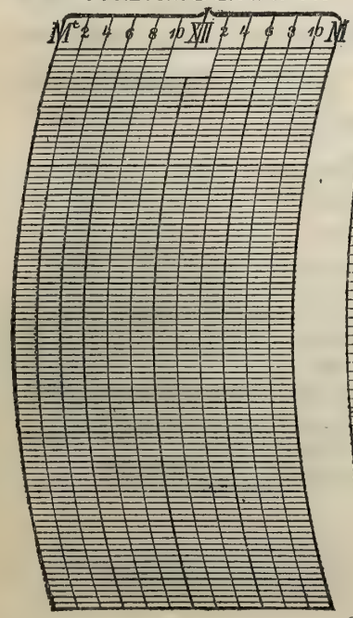
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

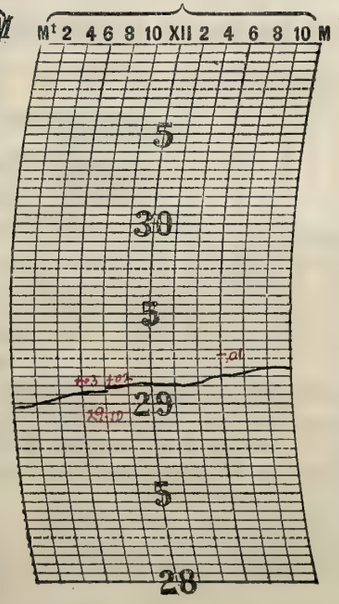
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.4 Wet temperature, 35.5
Dew-point, 33 R. humidity, 84 V. pressure, .187
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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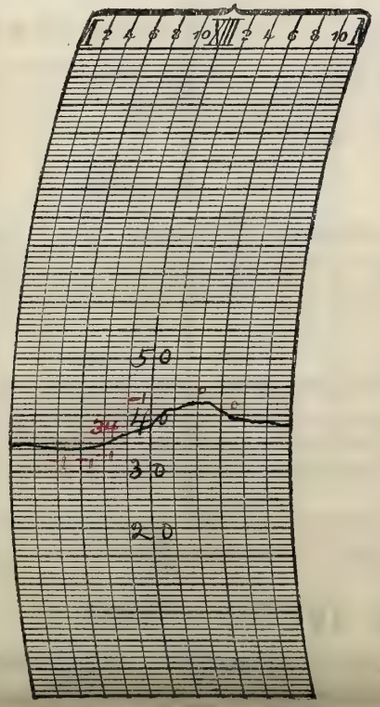


NOTES.

*Estimated

Light snow continued from the previous day till 9:20 am. The snow melted as it fell and the snow on the ground melted down rapidly. The day was generally cloudy with a little sunshine in the late afternoon when the clouds become thinner. Cloudy into the night.

Prepared by O.E.R.
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) ....., (Date) ....., 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	35	35	35	35	35	35	35	35	35	35	36	36	35	35	35	36	36	37	36	36	36
State of weather: Nature of precipitation and time of beginning and ending					RB DN							RE 11:40 R+S-8 11:40	R+SE 12:30 RB 12:30									RS DnP		
Amounts of precipitation					–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	?	
Cloudiness and other conditions	← Cloudy →																							

Sunrise: Time, 5:39 Character, Cloudy
Moonrise: 9:06p Cloudy

Sunset: Time, 5:56 Character, Cloudy
Moonset: 7:23 a Cloudy

Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	SE	E	NE	E	E	E	E	E	E	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N	NW
Wind movement	5	5	4	4	5	4	5	5	4	5	5	4	5	6	4	4	4	4	3	3	2	4	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

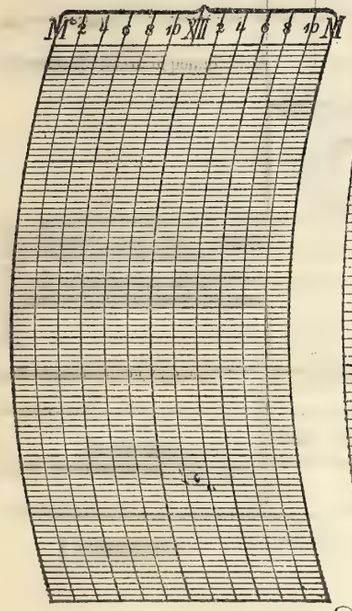
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	35	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.2 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 0
Prevailing wind direction, N-E Total wind 101
Average hourly velocity, 4.2 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 1:25 p.m.
Reduced barometer, 30.14 7 a. m. 30.14 7 p. m.
River gage, 5.9 feet
Relative humidity, 94 7 a. m. 95 7 p. m.

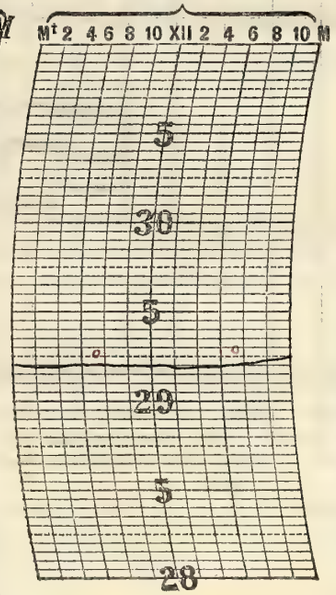
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.8 Wet temperature, 34.1
Dew-point, 33 R. humidity, 93 V. pressure, .187
Clouds: Amount, 10; Kind, NS; Direction, NE
Velocity of clouds (miles per hour) .....

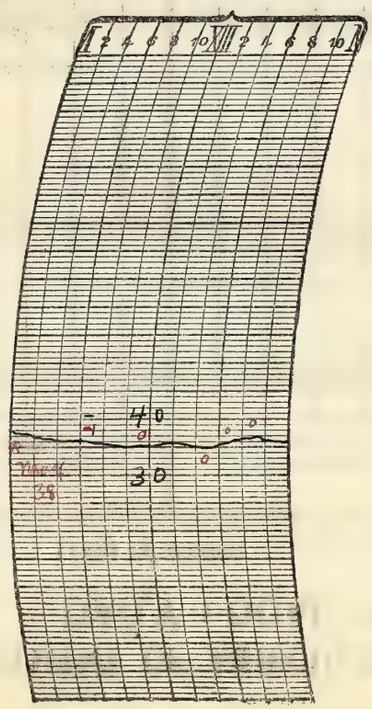
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was cloudy and very damp with a light sprinkling of rain, or rain and snow, from early morning until during the night p.m. The temperature range was very small for the 24 hours. The snow on the ground continued to melt.

From March 1 to March 23, inclusive, the First National Bank Building affected to some extent the record of Sunshine in the late afternoon.

Prepared by C.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Monday, (Date) [illegible], 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	35	34	35	35	36	37	39	42	44
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)						0	0	0	0	0.1	1.0	1.0
Wind direction	N	N	N	NW	NW	N	NW	NW	NW	N	N	N
Wind movement	4	4	5	4	4	6	5	7	8	7	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	45	46	44	43	42	39	38	37	36
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	0.1	0.1	0.4	0						
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW*	NW*
Wind movement	9	9	10	9	6	6	4	6	5	4	3	1

Sunrise: Time, 5:38 Character, Cloudy
Moonrise: 10:16 p Clear?

Sunset: Time, 5:57 Character, Cloudy
Moonset: 8:03 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

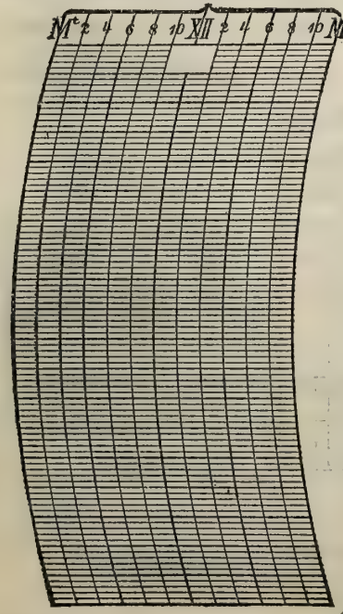
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	34	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.7 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 38
Prevailing wind direction, NW Total wind 139
Average hourly velocity, 5.8 Extreme velocity, 13
Maximum velocity, 13 Direction, NW
Time began, 2:51 p.m.
Reduced barometer, 30.27 7 a. m. 30.24 7, p. m.
River gage, 9.8 feet
Relative humidity, 90 7 a. m. 92 7 p. m.

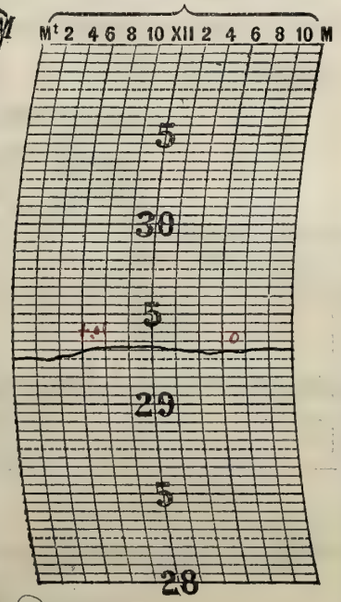
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.0 Wet temperature, 40.1
Dew-point, 35 R. humidity, 72 V. pressure, 203
Clouds: Amount, 9; Kind, St; Direction, N
Velocity of clouds (miles per hour)

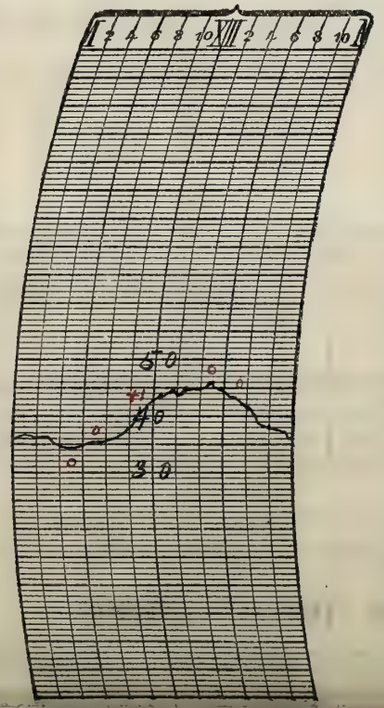
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Interpolated.
Cloudy most of the day and into the night becoming clear about 10 p.m. after which stars were bright. The temperature rose during the day and the snow disappeared.

Prepared by C. E. R.
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	35	37	35	37	38	40	38	41	42	41	40	39	38	36	35	34	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending										RB 9:48									RE 6:30 SMP 6:30				SME 10mP RB 10m	RE 10m
Amounts of precipitation										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cloudiness and other conditions										Cloudy														
Wind direction	N	N	N	N	N	N	N	N	N	SW	S	S	S	S	S	SE	SE	E	E	E	E	E	E	E
Wind movement	2	1	2	2	2	1	2	3	3	4	8	8	9	6	4	5	5	8	12	10	8	9	8	6
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.1	0	0	0	0	0	0						

Sunrise: Time, 5:36 Character, Cloudy
Moonrise: 11:24 p Cloudy

Sunset: Time, 5:58 Character, Cloudy
Moonset: 8:47 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

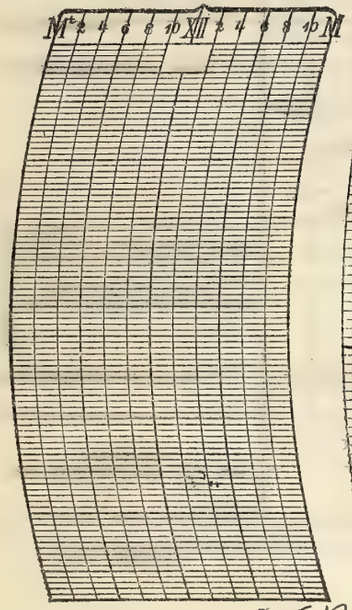
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	33	38	

Total depth of snow for 24 hours ending 7 p. m., T* inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T* inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 2.6 ins.
Total precipitation, midnight to midnight, 4.0 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 1
Prevailing wind direction, N Total wind 128
Average hourly velocity, 5.3 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 6:35 p.m.
Reduced barometer, 30.21 7 a. m. 29.89 7 p. m.
River gage, 12.7 feet
Relative humidity, 87 7 a. m. 95 7 p. m.

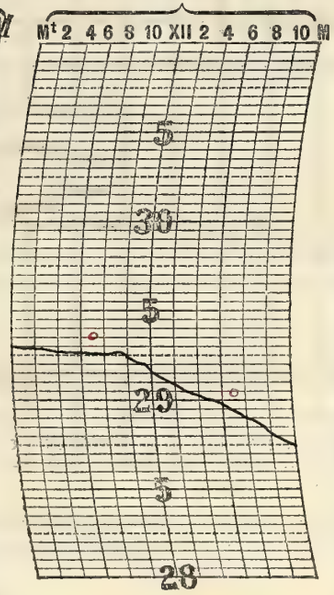
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.0 Wet temperature, 39.2
Dew-point, 37 R. humidity, 86 V. pressure, .219
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

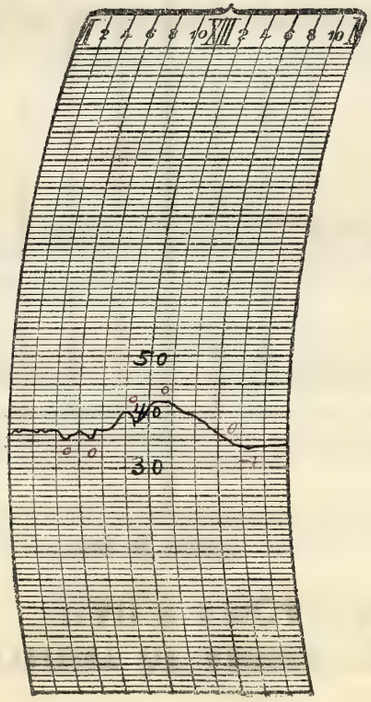
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Interpolated. *Snow melted as it fell. Cloudy all day with rain from 9:48 am turning to snow about 6:30 p.m. which ended during the night p.m.

Interests were advised that Maumee River would probably pass flood stage Wednesday.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	34	34	34	34	34	34	34	34	35	35	36	35	35	36	36	36	36	36	35	35	34	34	34
State of weather: Nature of precipitation and time of beginning and ending													RB 12:50		RE Sm RB 2:15 Sm RE RB 2:45			RE 5:05						
Amounts of precipitation																								
Cloudiness and other conditions										Light Fog					Cloudy						Clear			

Sunrise: Time 5:34, Character Cloudy. Moonrise: — —

Sunset: Time 5:59, Character Cloudy. Moonset: 9:37 a Cloudy

Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	NE	NE	NE	N	N	N	NE	NE	NE	N	N	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	SW
Wind movement	5	4	3	4	3	4	4	5	3	3	4	6	7	6	7	8	8	8	10	10	7	5	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	33	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .14 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 0

Prevailing wind direction, NW Total wind 137

Average hourly velocity, 5.7 Extreme velocity, 12

Maximum velocity, 12 Direction, W

Time began, 7:43 pm

Reduced barometer, 29.69 7 a. m. 29.85 7 p. m.

River gage, 13.5 feet

Relative humidity, 98 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

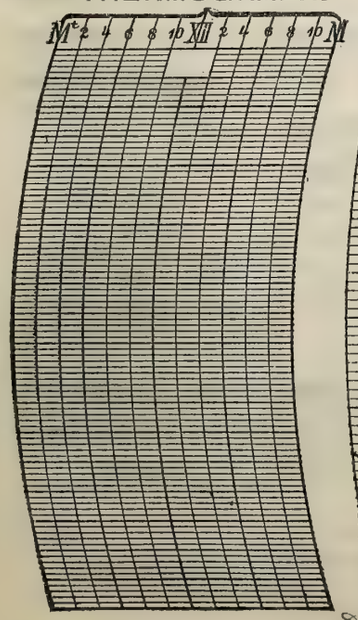
Dry temperature, 36.0 Wet temperature, 35.0

Dew-point, 34 R. humidity, 91 V. pressure, 195

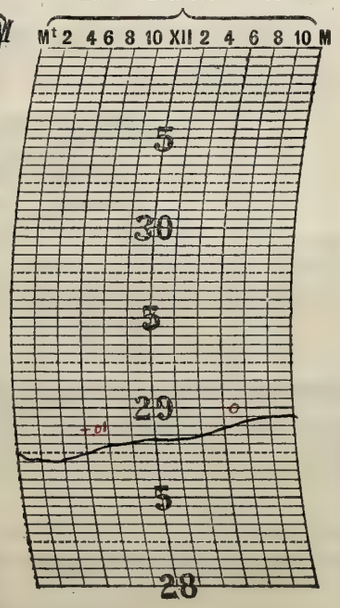
Clouds: Amount, 10 9; Kind, St Cu; Direction, N

Velocity of clouds (miles per hour)

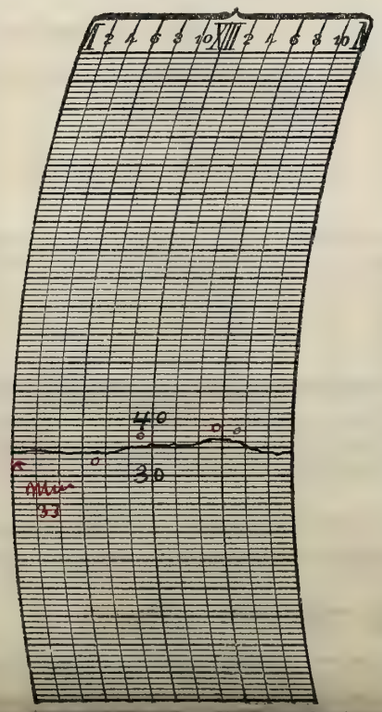
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog began during the night a.m. and continued till 3:30 p.m. Light rain and snow flurries occurred in the afternoon. The sky cleared after nightfall.

Prepared by E. E. R.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	33	32	33	33	37	39	48	46	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						<cloudy			Pt Cldy			clear
Sunshine (in tenths of hours)						0	0	0.1	0.6	0.5	0.9	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	S	SW	SW
Wind movement	8	8	9	7	9	8	9	14	16	19	20	21

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	58	60	53	56	56	55	52	50	48	47	46
State of weather: Nature of precipitation and time of beginning and ending				RB 3:42	RE 4:04							
Amounts of precipitation				–	–							
Cloudiness and other conditions			Pt Cldy			clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0.6 0.2	1.00 0						
Wind direction	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	23	22	21	17	9	7	4	6	7	7	8	9

Sunrise: Time, 5:33 Character, Cloudy
Moonrise: 12:28 a Clear?

Sunset: Time, 6:00 Character, Clear
Moonset: 10:31 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

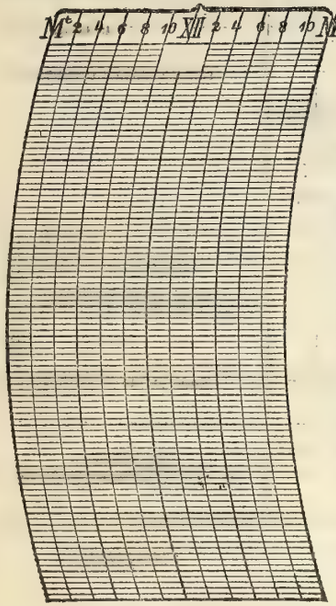
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	32	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase, Last Quarter 2:24 p.m.
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.3 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 67
Prevailing wind direction, SW Total wind 288
Average hourly velocity, 12.0 Extreme velocity, 34
Maximum velocity, 29 Direction, W
Time began, 3:46 p.m.
Reduced barometer, 29.92 7 a. m. 29.83 7 p. m.
River gage, 13.2
Relative humidity, 91 7 a. m. 70 7 p. m.

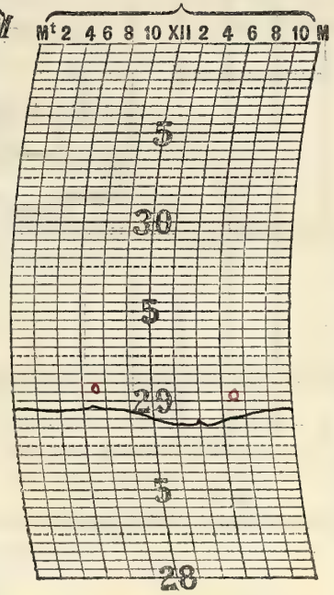
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.8 Wet temperature, 45.3
Dew-point, 40 R. humidity, 66 V. pressure, 247
Clouds: Amount, 1; Kind, Ac Cu; Direction, W
Velocity of clouds (miles per hour)

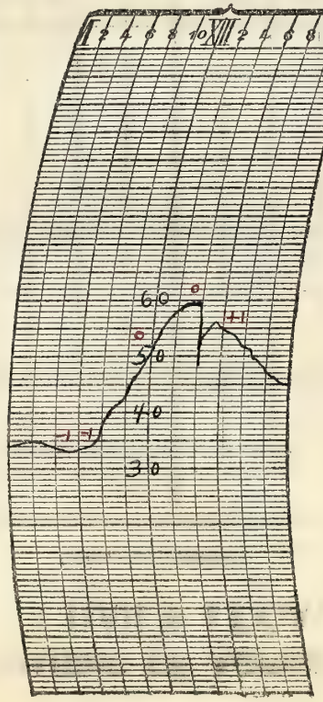
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The amount of clouds varied considerably during the day. Clear into the night with stars bright. The temperature rose considerably to-day.

The small shower which occurred about 4 p.m. had many characteristics of a thundershower. The sky cleared towards the southeast about 5 p.m. and the head of a large cumulus cloud was visible in that direction for some time.

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90" mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	44	43	44	43	43	42	46	51	50	52	53	54	55	54	53	51	49	45	41	41	40	40	39
State of weather: Nature of precipitation and time of beginning and ending																RB 3:50								R Cont'd
Amounts of precipitation																–	–	–	–	–	–	–	–	–
Cloudiness and other conditions						← Clear							Cloudy						→					
	Sunrise: Time, 5:31 Character, Cloudy; Moonrise: 1:26 a Cloudy?																				Sunset: Time, 6:01 Character, Cloudy; Moonset: 11:29 a Cloudy			
Sunshine (in tenths of hours)						0	0	0.1	1.0	0.7	0.7	0	0	0	0	0	0	0	0					
Wind direction	SW	SW	SW	N	N	NE	E	E	E	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	NE
Wind movement	8	9	9	4	4	3	4	5	4	8	11	10	10	10	9	9	6	11	14	13	14	16	14	16
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	39	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .16 ins.
Total precipitation, midnight to midnight, .50 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.5 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 20
Prevailing wind direction, E Total wind 221
Average hourly velocity, 9.2 Extreme velocity, 18
Maximum velocity, 18 Direction, NE
Time began, 11:50 p.m.
Reduced barometer, 29.90 7 a. m. 29.66 7 p. m.
River gage, 12.6 feet
Relative humidity, 79 7 a. m. 97 7 p. m.

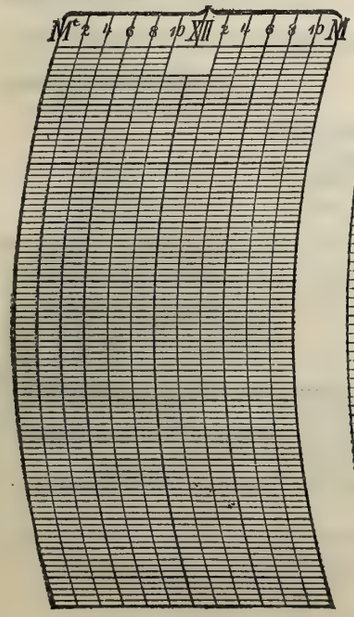
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts _____

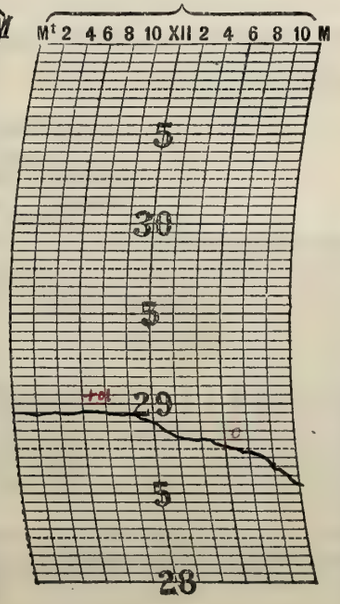
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.2 Wet temperature, 47.3
Dew-point, 41 R. humidity, 65 V. pressure, 2.56
Clouds: Amount, 10; Kind, a St; Direction, W
Velocity of clouds (miles per hour) _____

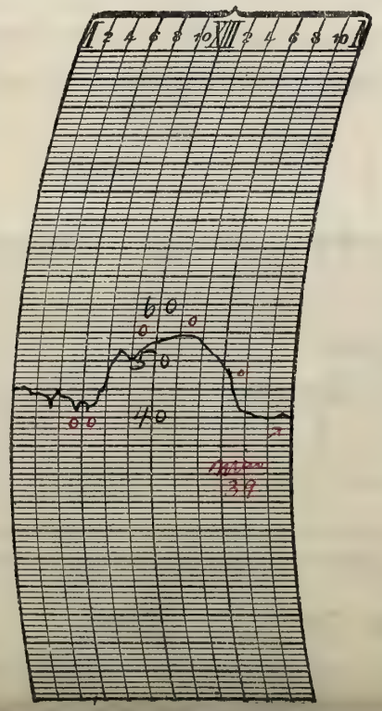
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

*Estimated
Upper clouds prevailed during the morning, and lower clouds with rain till past midnight. The temperatures were moderate.

Prepared by C E R
Verified by P. McDermott

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) _____, (Date) _____, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	38	38	40	40	41	45	63	60	55
State of weather. Nature of precipitation and time of beginning and ending	R Contd				R & DN		RB 6:25	RE 7:00	RB 8:35	RE 9:10		RB 11:04
Amounts of precipitation	–	–	–	–	–		–		–	–		–
Cloudiness and other conditions						←		Lt Fog	Dense Fog			Cloudy
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.3	0
Wind direction	E	E	NE	NE	E	E	E	E	E	SE	S	SW
Wind movement	16	17	16	14	16	12	12	13	10	8	20	18
Maximum velocities (exceeding 29 miles) direction and time												34 SW 11:19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	52	52	50	46	45	42	41	39	37	35
State of weather. Nature of precipitation and time of beginning and ending	RE 12:10		RB 2:25	RE 3:45								
Amounts of precipitation	–		–	–								
Cloudiness and other conditions								→				
Sunshine (in tenths of hours)	0.6	0.7	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	27	36	30	19	17	21	23	22	19	20	21	20
Maximum velocities (exceeding 29 miles) direction and time	37 SW 12:55	45 SW 1:00	44 SW 2:33									

Sunrise: Time, 5:29 Character, Cloudy
Moonrise: 2:17a Cloudy

Sunset: Time, 6:02 Character, Cloudy
Moonset: 12:30p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	35	50	

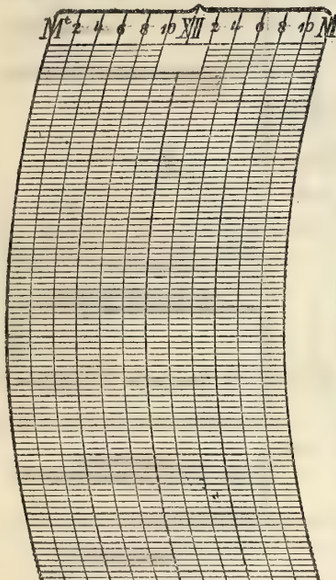
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .93 ins.; to 7 p. m., .38 ins.
Total precipitation, midnight to midnight, .97 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.9 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 15
Prevailing wind direction, SW Total wind 447
Average hourly velocity, 18.6 Extreme velocity, 56
Maximum velocity, 45 Direction, SW
Time began, 1:00 p.m.
Reduced barometer, 29.24 7 a. m. 29.21 7 p. m.
River gage, 15.9 feet
Relative humidity, 98 7 a. m. 86 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

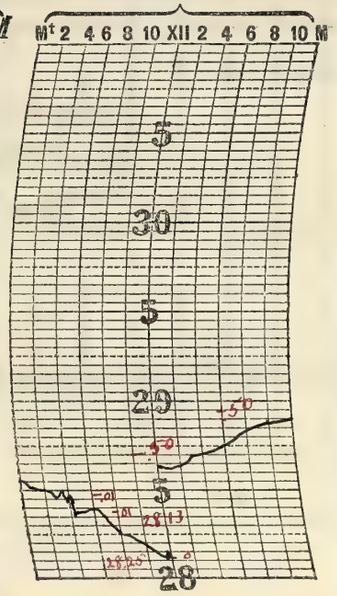
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.0 Wet temperature, 51.3
Dew-point, 51 R. humidity, 96 V. pressure, .373
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

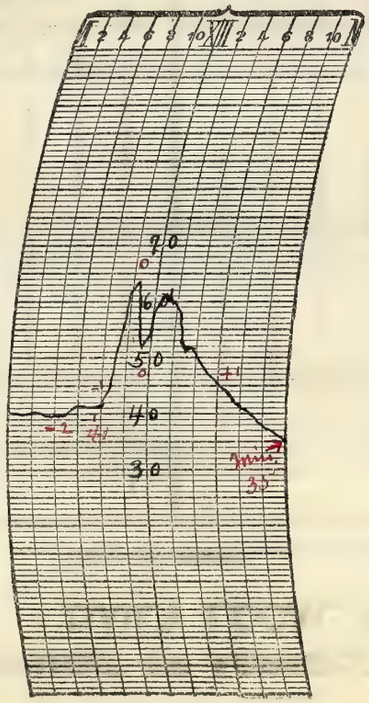
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A flood warning was issued to cover a stage of 20.0 feet or higher, by Sunday, 30th.

13 B & E During night a.m.
13 B 11:12 am to 12:10 pm from the southwest.
Light Fog from 7:05 am to 8:15 am.
Dense Fog from 8:15 am to 9:10 am
Cloudy all day and into the night.
Temperatures were very changeable especially during the forenoon.
Heavy winds in the afternoon from the Southwest - very gusty.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	33	33	33	33	33	32	31	30	30	30	31	30	30	30	28	28	27	27	26	26	26	25	24
State of weather: Nature of precipitation and time of beginning and ending						Sm 5:40																Sm & On		
Amounts of precipitation						–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Cloudiness and other conditions						←					Cloudy								→					
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	NW	NW	NW	W	NW	NW	NW	NW	W	NW	NW
Wind movement	24	23	22	24	20	21	19	21	19	17	16	16	15	14	13	13	14	13	11	12	12	10	10	11
Maximum velocities (exceeding 29 miles) direction and time		30 W 1:02																						

Sunrise: Time, 5:28 Character, Cloudy
Moonrise: 3:01 a Cloudy

Sunset: Time, 6:03 Character, Cloudy
Moonset: 1:34 p Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

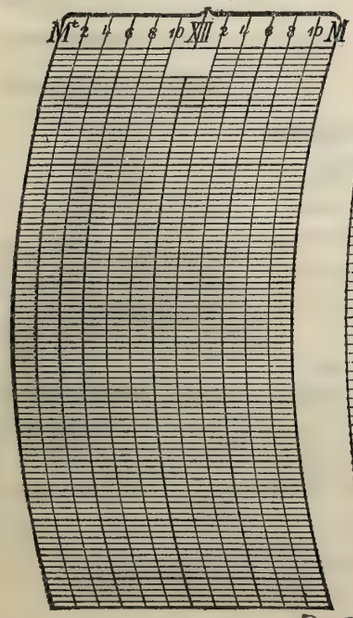
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	24	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T* inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 390
Average hourly velocity, 16.2 Extreme velocity, 39
Maximum velocity, 30 Direction, W
Time began, 1:02 am
Reduced barometer, 29.49 7 a. m. 29.96 7 p. m.
River gage, 18.9 feet
Relative humidity, 84 7 a. m. 77 7 p. m.

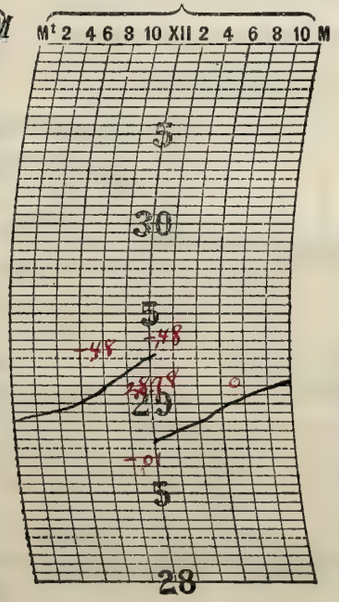
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.6 Wet temperature, 28.8
Dew-point, 26 R. humidity, 81 V. pressure, 136
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

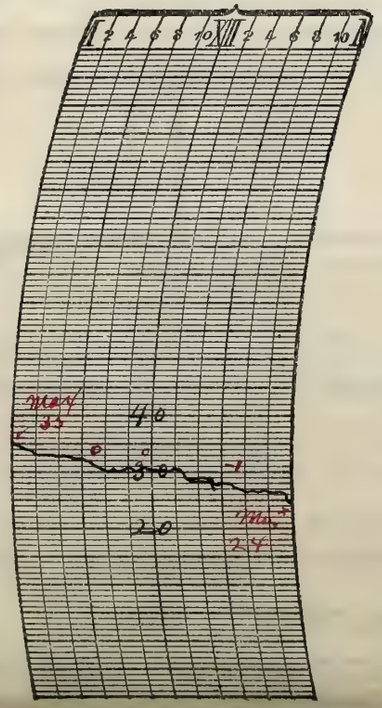
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

*Snow melted as it fell.
Cloudy throughout the day and into the night. Light Snow flurries from early morning till during the night p.m.
Moderately strong west winds during the forenoon

Prepared by O.E.R.
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Yates, N. D., (Day of week) Monday, (Date) MAR 7 1938, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	22	22	21	22	24	26	29	28	30	30	30	30	30	30	30	30	29	28	27	27	25
State of weather: Nature of precipitation and time of beginning and ending							clear after 6 am.									S ≋ B 3:55								Sm Cont'd
Amounts of precipitation																–	–	–	–	–	–	–	–	–
Cloudiness and other conditions						← clear				Pt Cldy	× Cloudy								→					

Sunrise: Time, 5:26 Character, Cloudy
Moonrise: 3.41 a Cloudy?
Sunset: Time, 6:04 Character, Cloudy
Moonset: 2.36 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	1.0 0	0.3 0.7	0.9	0.9	0.4	0.4	0	0	0	0	0	0	0					
Wind direction	NW	N	N	N	N	N	NE	NE	NE	E	NE	NE	E	E	E	E	E	NE	E	E	E	E	NE	NE
Wind movement	10	9	7	7	7	5	6	7	6	6	7	6	7	7	9	8	7	6	8	9	8	5	7	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

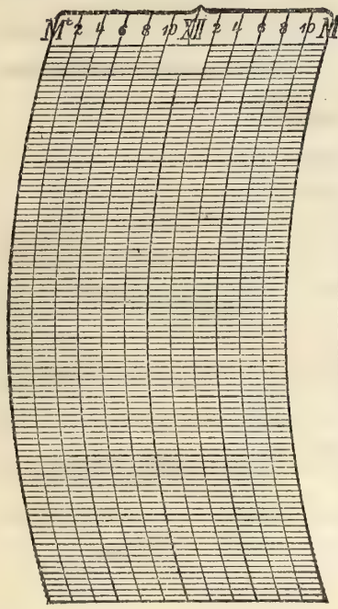
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	22	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 1.5* inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .12* inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.6 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 37
Prevailing wind direction, E Total wind 170
Average hourly velocity, 7.1 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 12:04 am.
Reduced barometer, 30.21 7 a. m. 30.18 7 p. m.
River gage, 19.2 feet
Relative humidity, 74 7 a. m. 91 7 p. m.

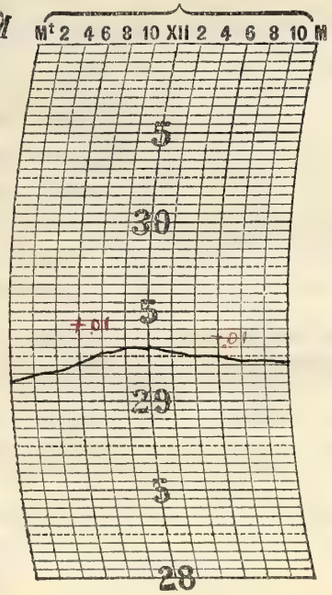
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.8 Wet temperature, 25.7
Dew-point, 17 R. humidity, 56 V. pressure, .089
Clouds: Amount, 9; Kind, St Cu; Direction, NE
Velocity of clouds (miles per hour)

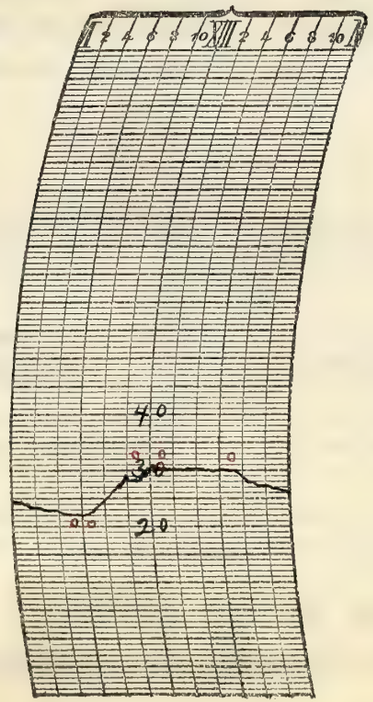
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Estimated
Clear in the morning with cloudiness gradually increasing. Snow fell from 3:55 pm till past midnight. Cold in the morning with slowly rising temperature.

Prepared by O. E. R.
Verified by J. McDonough

8—486

Form No. 1014—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) Tuesday, (Date) APR 1 1924, 192

Time (local standard) 9 P" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	24	23	23	24	24	25	29	30	30	31
State of weather: Nature of precipitation and time of beginning and ending			SmE Dra					SmB 7:10	SmE 8:40			
Amounts of precipitation	—	—	—	—				—	—			
Cloudiness and other conditions						← Cloudy		×	Pt Cldy	×	Cloudy	
Sunrise: Time, Character, 5:24 Cloudy; Moonrise: 4:16 a Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.1	0.3
Wind direction	NE	NE	NE	NE	NE	NE	NE	W	W	W	W	W
Wind movement	7	5	4	3	3	2	2	3	3	7	10	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	31	31	30	29	29	28	28	27	26	27
State of weather: Nature of precipitation and time of beginning and ending	SmB 12:50			SmE 3:15	SmB 4:25				SmE Bn			
Amounts of precipitation	—	—	—	—	—	—	—	—	—			
Cloudiness and other conditions	Cloudy →											
Sunset: Time, Character, 6:06 Cloudy; Moonset: 338 p Cloudy												
Sunshine (in tenths of hours)	0	0	0.2	0	0	0	0					
Wind direction	W	W	NW	NW	NW	W	W	NW	NW	W	W	W
Wind movement	14	14	17	18	18	16	16	14	12	10	8	8

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

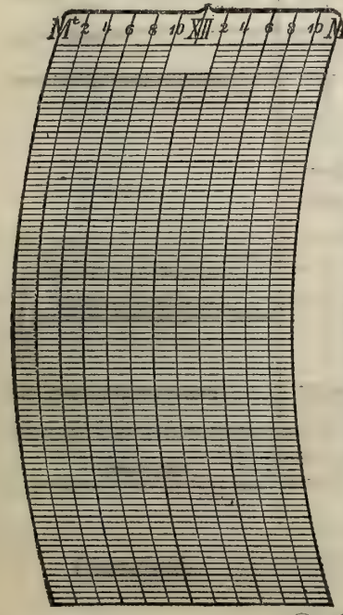
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	23	27	

Total depth of snow for 24 hours ending 7 p. m., 2.0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.3 inches.
Total snowfall, midnight to midnight, 0.5 inches.
Precipitation to 7 a. m., .16 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.9 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 7
Prevailing wind direction, W Total wind 226
Average hourly velocity, 9.4 Extreme velocity, 25
Maximum velocity, 24 Direction, NW
Time began, 4:02 p.m.
Reduced barometer, 30.15 7 a. m. 30.24 7 p. m.
River gage, 18.4 feet
Relative humidity, 94 7 a. m. 88 7 p. m.

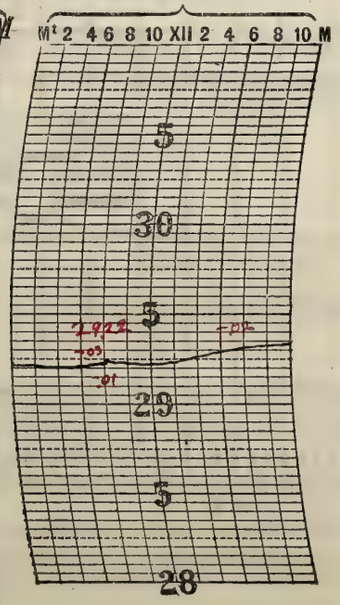
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.0 Wet temperature, 29.6
Dew-point, 27 R. humidity, 85 V. pressure, 143
Clouds: Amount, 8; Kind, St+Cu; Direction, NW
Velocity of clouds (miles per hour)

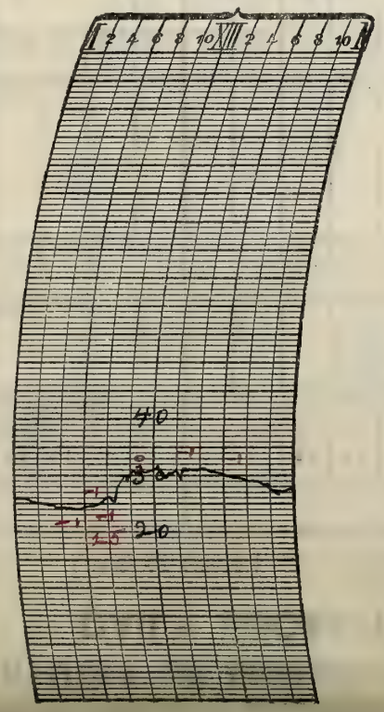
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Estimated
Snowfall 7 p.m. to 7 a.m. 2.0 in.
Freezing weather in am (killing frost)
The day was generally cloudy with light snow flurries at several different times. It was somewhat chilly as the temperature never rose above freezing the entire day. The sky became entirely clear about 9 p.m. but was overcast again at 11 p.m.

Prepared by E. R.
Verified by P. M. Dorough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Wednesday, (Date) APR 2 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	25	25	24	25	25	28	31	32	34	35	37	39	41	42	43	42	41	40	39	38	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear				Pt cldy						Clear									
Sunrise: Time, Character,	5:23 Clear																							
Moonrise:	447a Clear																							
Sunset: Time, Character,																					6:07 Clear			
Moonset:																					439p Clear			
Sunshine (in tenths of hours)						0.2 0	0.5 0	0	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	1.2 0					
Wind direction	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	S	S	S	S	S
Wind movement	8	5	5	6	6	5	6	6	11	10	11	11	12	11	10	10	8	6	6	6	6	7	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	24	34	

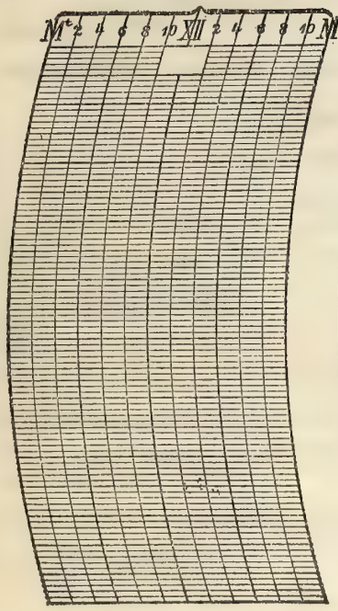
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.1 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 80
Prevailing wind direction, W Total wind 189
Average hourly velocity, 7.9 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 12:17 pm.
Reduced barometer 30.35 7 a. m. 30.26 7 p. m.
River gage, 17.2 feet
Relative humidity, 81 7 a. m. 69 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

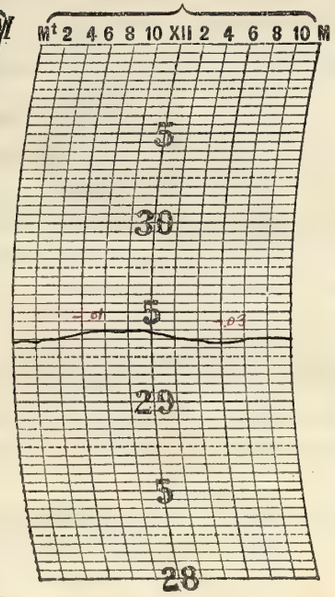
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.2 Wet temperature, 30.3
Dew-point, 22 R. humidity, 56 V. pressure, .113
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

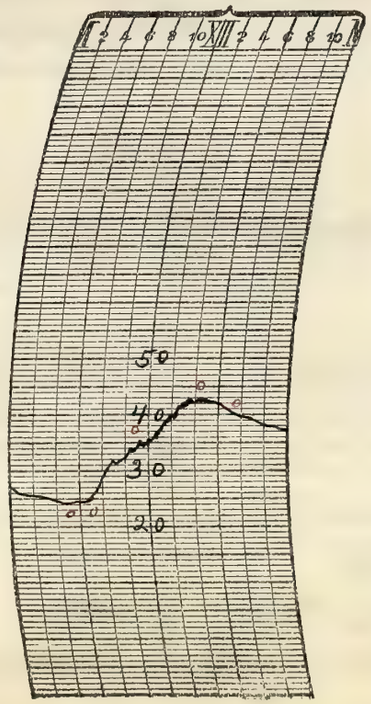
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Killing frost in early morning
Decreasing cloudiness with
gradually rising temperature.
Rather pleasant in spite of
chilly West winds.

Prepared by O.E.K.
Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) Thursday, (Date) APR 3 1924, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	35	35	36	37	39	42	47	52	57	59	60	61	60	58	55	54	52	51	50	49	48
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cldy		×				Clear				×	Cloudy		×	Pt Cldy	→			
Sunshine (in tenths of hours)						0	0	0	0	0.9	1.0	1.0	1.0	1.0	1.0	0.7	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	9	9	9	11	10	12	14	12	14	13	17	16	19	18	18	16	11	9	9	7	7	8	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:21 Character, Cloudy
Moonrise: 5:17a Cloudy

Sunset: Time, 6:08 Character, Cloudy
Moonset: 5:39p Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

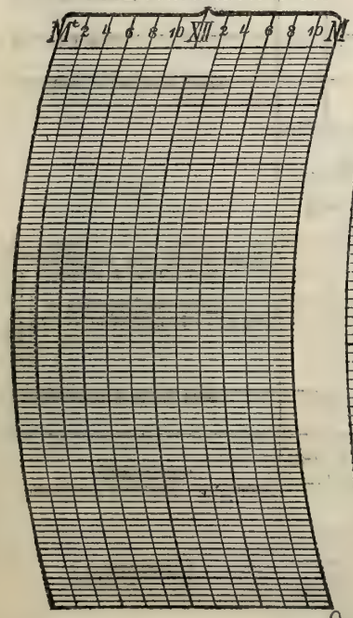
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	35	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ...
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.6 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 52
Prevailing wind direction, S Total wind 283
Average hourly velocity, 11.8 Extreme velocity, 29
Maximum velocity, 24 Direction, SW
Time began, 12:08 pm
Reduced barometer, 30.29 7 a. m. 30.18 7 p. m.
River gage, 15.8 feet
Relative humidity, 66 7 a. m. 49 7 p. m.

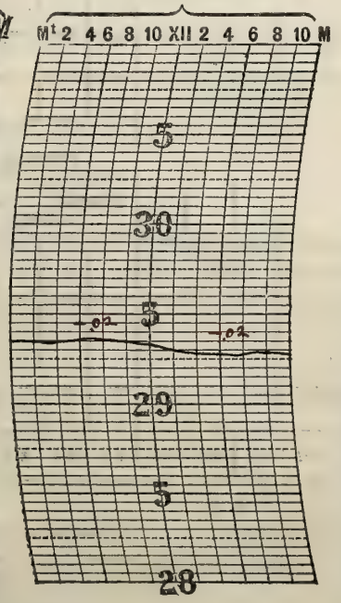
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.8 Wet temperature, 47.1
Dew-point, 37 R. humidity, 48 V. pressure, .219
Clouds: Amount, Few; Kind, Ci Cu; Direction, W
Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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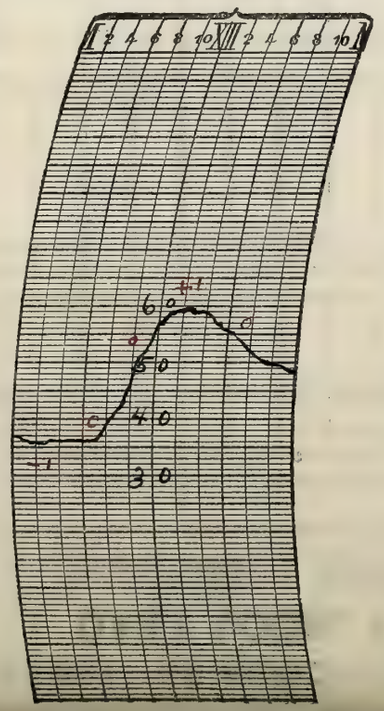


Prepared by J.E.P.
Verified by P. McDonough

8—486

NOTES.

22° Solar Halo observed at 12:30 p.m. Lower clouds in the morning with upper clouds the remainder of the day. The temperature rose considerably. All tracks of snow and ice disappeared

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Worth, (Day of week) Friday, (Date) APR 4 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	46	46	46	45	46	49	53	56	59	61	63	66	67	65	64	63	61	54	52	50	49	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy																		
Sunshine (in tenths of hours)						0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	1.0 0	.5 0					
Wind direction	S	S	S	S	S	S	S	S	SW	W	SW	NW	NW	SW	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	5	4	7	6	6	3	4	5	10	6	5	6	4	4	4	4	5	5	7	13	9	9	9	4

Sunrise: Time, 5:19 Character, Cloudy
Moonrise: 5:47a Cloudy
Sunset: Time, 6:09 Character, Clear
Moonset: 6:39p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

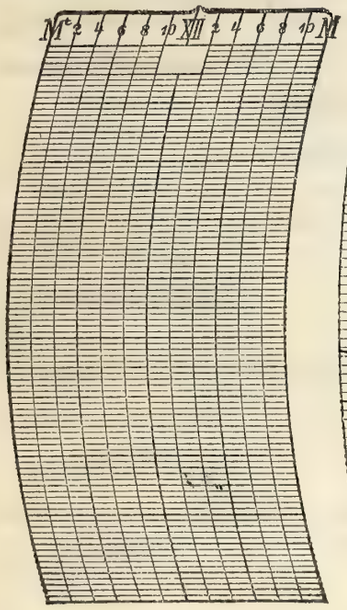
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, new moon 1:17 am
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.2 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 80
Prevailing wind direction, S Total wind 144
Average hourly velocity, 6.0 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 8:27 am
Reduced barometer, 30.17 7 a. m. 30.16 7 p. m.
River gage, 12.2 feet
Relative humidity, 65 7 a. m. 50 7 p. m.

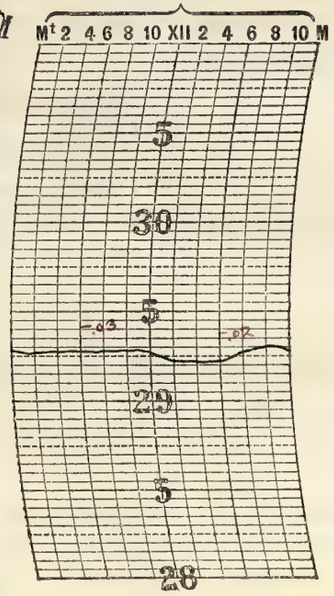
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.2 Wet temperature, 50.0
Dew-point, 39 R. humidity, 44 V. pressure, 237
Clouds: Amount, 2; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

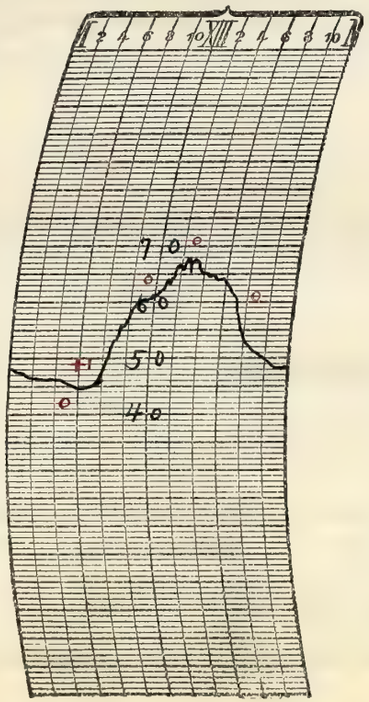
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Upper clouds prevailed during the greater part of the day. Warm and pleasant.

Prepared by E. E. R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Saturday, (Date) APR 5 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	46	44	43	44	43	47	52	56	57	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Pt Cldy					Cloudy	
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	0.8	0.8
Wind direction	SW	W	W	SW	SW	SW	SW	S	SE	S	S	S
Wind movement	4	2	1	1	1	2	1	2	5	7	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	59	58	57	57	56	55	54	53 RB 950	51	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	S	S	S	S	SW	S	S	S	SW	SW	SW	SW
Wind movement	7	7	7	9	11	8	6	8	7	10	11	11

Sunrise: Time, 5:17 Character, Cloudy
Moonrise: 6:16a Cloudy

Sunset: Time, 6:10 Character, Cloudy
Moonset: 7:37p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

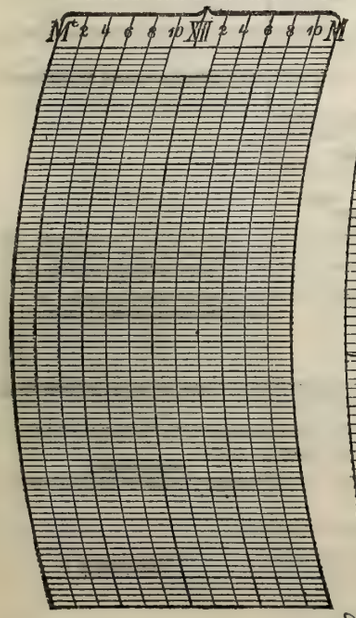
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	42	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.2 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 25
Prevailing wind direction, S Total wind 143
Average hourly velocity, 6.0 Extreme velocity, 17
Maximum velocity, 15 Direction, S
Time began, 4:35 p.m.
Reduced barometer, 30.22 7 a. m. 30.04 7 p. m.
River gage, 8.5 fall
Relative humidity, 90 7 a. m. 71 7 p. m.

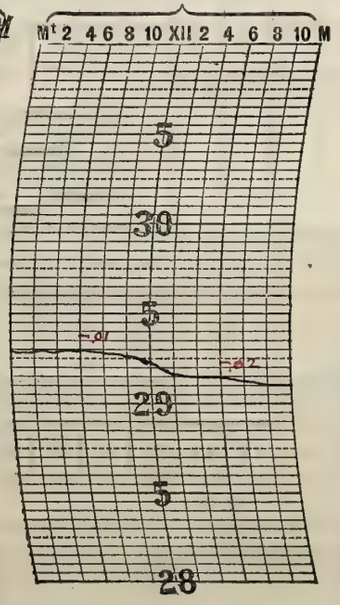
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.0 Wet temperature, 49.7
Dew-point, 42 R. humidity, 55 V. pressure, .266
Clouds: Amount, 10; Kind, ast; Direction, S
Velocity of clouds (miles per hour) _____

THERMOGRAPH.



BAROGRAPH.



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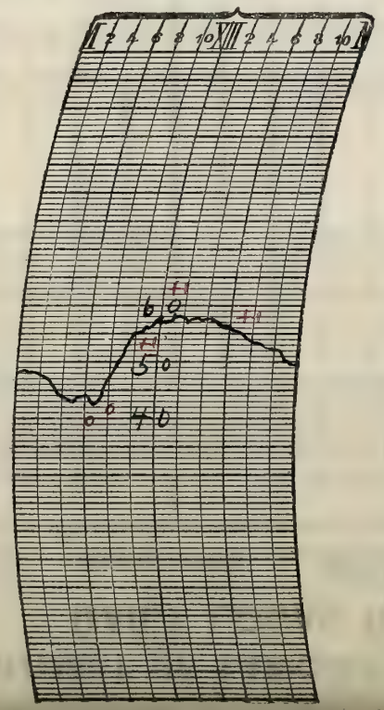


NOTES. ϕ Estimated

Partly Cloudy during most of the forenoon and Cloudy in afternoon and night, with light rain Continued from 950 pm. Moderate temperatures prevailed. The weather as a whole was rather pleasant.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) Sunday, (Date) APR 6 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	46	42	41	42	44	45	46	47	49	51	52	51	51	50	50	48	46	43	42	40	40
State of weather: Nature of precipitation and time of beginning and ending			RE	RN												RB 3-58	RE 4-04							
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy									× Pt Cldy			× Clear						

Sunrise: Time 5:16, Character Cloudy
Moonrise: 6:48a Cloudy
Sunset: Time 6:11, Character Cloudy
Moonset: 8:33 p Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0.3	0.8	0.9	0.7	0.3	0.2	0	0	0					
Wind direction	SW	SW	W	NW	NW	W	W	W	W	W	W	NW	NW	NW	NW	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	11	10	17	12	6	6	7	8	10	15	20	21	22	17	16	11	8	5	5	5	4	4	2

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

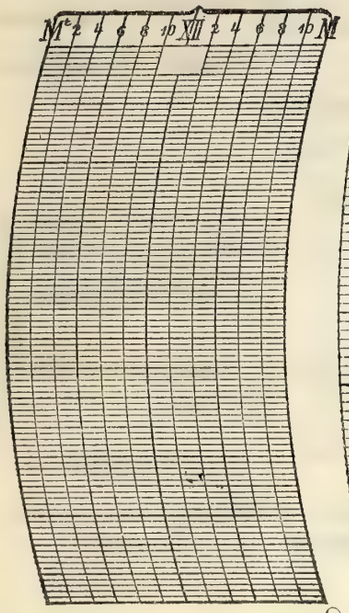
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	40	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase, ...
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.2 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 25
Prevailing wind direction, NW Total wind 253
Average hourly velocity, 10.5 Extreme velocity, 29
Maximum velocity, 27 Direction, NW
Time began, 1:29 p.m.
Reduced barometer, 30.08 7 a. m. 30.08 7 p. m.
River gage, 7.0 feet
Relative humidity, 85 7 a. m. 64 7 p. m.

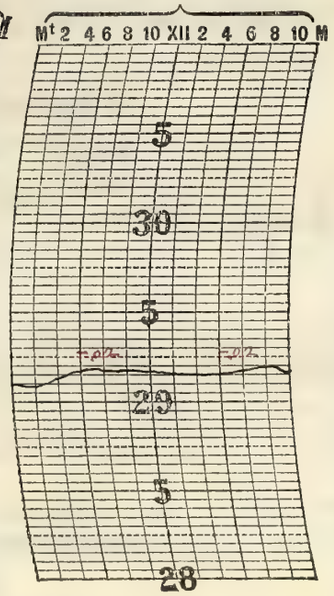
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.0 Wet temperature, 45.0
Dew-point, 41 R. humidity, 74 V. pressure, .256
Clouds: Amount, 8; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

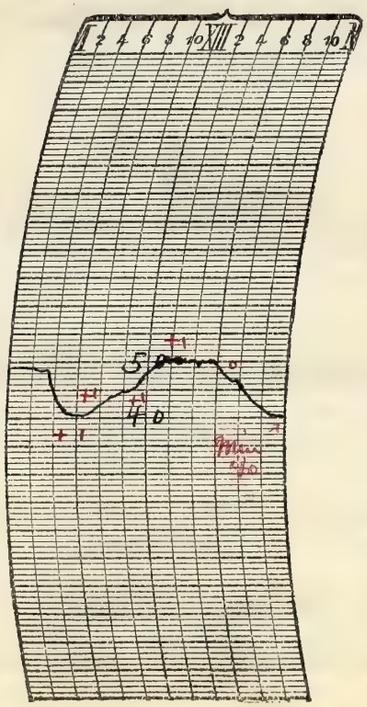
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was cloudy during the forenoon, partly cloudy afternoon and clearing towards night. The light rain continued from the date previous and ended during the night a.m. A small shower occurred in the afternoon. The temperatures were lower than on the three preceding days.

Prepared by O. E. K.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 7 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	38	39	39	40	42	43	50	55	55
State of weather: Nature of precipitation and time of beginning and ending			R	BDN					RE 8:40			
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy					→ Pt Cldy	
Sunrise: Time, Character, 5:14 Cloudy												
Moonrise: 7:20a Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0.8	0.9
Wind direction	NW	SE	SE	S	SE	SE	SE	SE	S	SW	NW	NW
Wind movement	1	3	5	6	5	4	5	7	10	12	28	25
Maximum velocities (exceeding 29 miles) direction and time											35 NW 1038	33 NW 1147

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	52	50	45	40	39	38	37	37	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						→ Pt Cldy			→ clear		→ cldy	
Sunset: Time, Character, 6:12 Cloudy												
Moonset: 9:29p Cloudy												
Sunshine (in tenths of hours)	0.7	0.5	0.6	1.0	0.3	0	0					
Wind direction	NW	NW	NW	NW	NE	NE	NE	E	E	E	E	E
Wind movement	16	25	23	19	14	13	9	7	7	7	7	3
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	36	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.8 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 37
Prevailing wind direction, NW Total wind 261
Average hourly velocity, 10.9 Extreme velocity, 40
Maximum velocity, 35 Direction, W
Time began, 10:40 am
Reduced barometer, 29.82 7 a. m. 29.96 7 p. m.
River gage, 6.1 feet
Relative humidity, 84 7 a. m. 83 7 p. m.

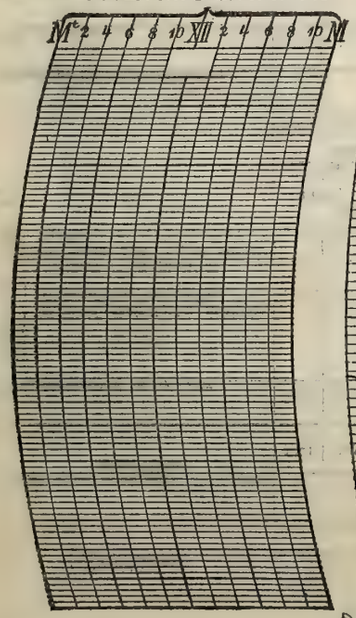
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

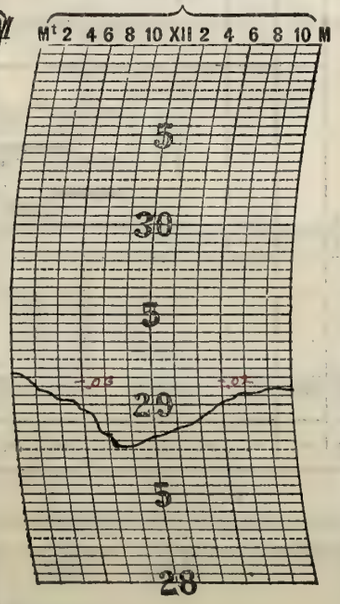
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.0 Wet temperature, 50.2
Dew-point, 46 R. humidity, 72 V. pressure, .310
Clouds: Amount, 5; Kind, Cu St; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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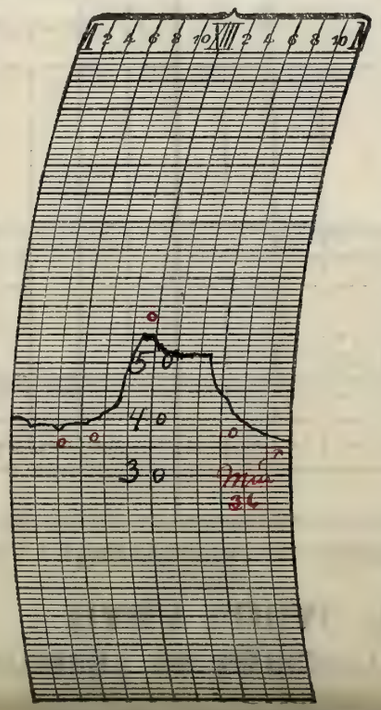


NOTES.

The cloudiness decreased during the day although the amount varied considerably from time to time. The sky was nearly free from clouds for a while after 7 p.m. but was entirely overcast at 9 p.m. The temperatures were moderate but a sharp fall occurred between 5 p.m. & 7 p.m. Strong winds blew from the Northwest during the middle of the day.

Prepared by O.E.R.
Verified by C. McDonough

8—486

FORM NO. 1014—MSC 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 8 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	33	32	31	35	42	44	47	50	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← clear	×				Cloudy	
Sunshine (in tenths of hours)						.78 / 0	1.0 / 0	1.0	0.5	0.4	1.0	0.5
Wind direction	SE	SE	SE	SE	E	SE	SE	SE	SE	SE	SE	SE
Wind movement	3	3	2	3	4	4	4	6	7	5	7	9

Sunrise: Time, 5:13; Character, Clear. Moonrise: 756 a; Clear.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	57	58	59	59	58	55	54	53	50	49	45
State of weather: Nature of precipitation and time of beginning and ending						RB 545 RE-HB 550 HE-RB 555	RB 625					
Amounts of precipitation												
Cloudiness and other conditions					→ Pt cldy	×			cldy			
Sunshine (in tenths of hours)	0.7	0	0	0.2	0	0	0					
Wind direction	SE	SE	SE	SE	SE	E	E	E	E	E	E	E
Wind movement	10	7	9	10	10	8	7	8	11	12	10	10

Sunset: Time, 6.13; Character, Cloudy. Moonset: 1025 p; Cloudy.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

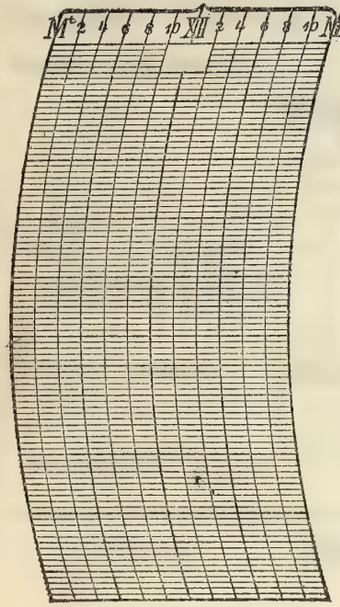
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	31	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 12 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.1; Possible sunshine, hours, 13.0
Per cent of possible sunshine, 47
Prevailing wind direction, SE; Total wind 169
Average hourly velocity, 7.0; Extreme velocity, 16
Maximum velocity, 15; Direction, E
Time began, 9:08 p.m.
Reduced barometer, 30.03 7 a. m. 29.76 7 p. m.
River gage, 5.5 feet
Relative humidity, 91 7 a. m. 68 7 p. m.

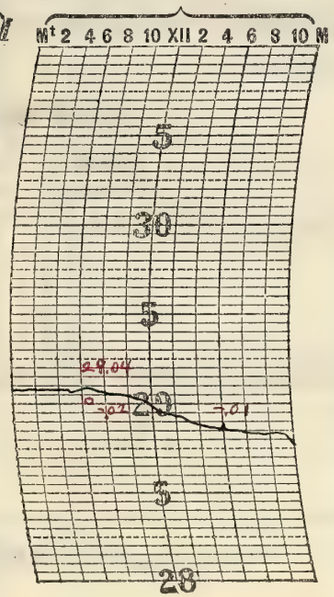
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.0; Wet temperature, 45.7
Dew-point, 38; R. humidity, 57; V. pressure, 228
Clouds: Amount, 10; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

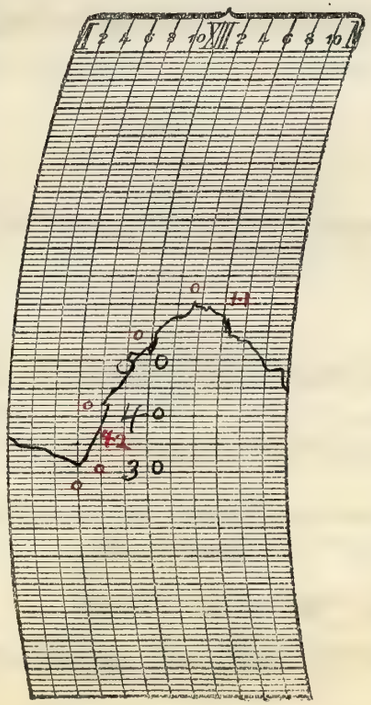
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Killing frost in the early morning.
The day was clear during the early morning and then cloudy most of the time. The temperature rose quite rapidly and the range for the day was almost thirty degrees.
A thunderstorm from the west began at 5:48 pm and ended at 6:25 pm. Light hail fell from 5:50 pm to 5:55 pm at the station. The large hail stones and lightning did considerable damage to telephone, light and power lines in Bloomingdale and certain sections in the western part of the city while no damage was reported in any other sections.

Prepared by D.E.P.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 9 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	42	44	45	45	46	47	48	49	48	50	51	50	50	48	46	44	42	41	41	41	39
State of weather. Nature of precipitation and time of beginning and ending			RB DN					RE 7:15																
Amounts of precipitation																								
Cloudiness and other conditions							← Cloudy			× Pt Cldy ×							Clear				→			
Sunshine (in tenths of hours)						0	0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1 (.9)	0 (.23)					
Wind direction	E	E	NE	E	SE	S	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	NW	NW
Wind movement	8	8	8	9	4	6	7	17	20	21	23	22	19	22	20	20	17	14	9	9	6	4	4	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:11 Character, Cloudy
Moonrise: 8:35 a Cloudy
Sunset: Time, 6:14 Character, Clear
Moonset: 11:17 p Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

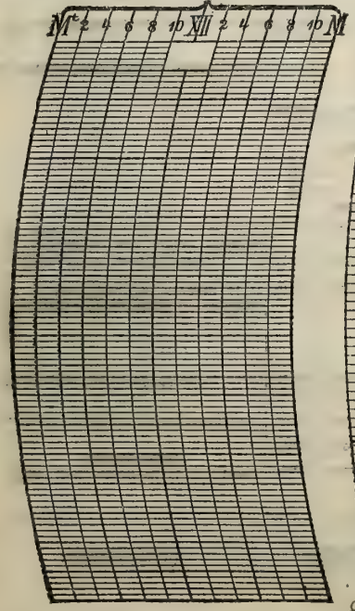
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	39	45	

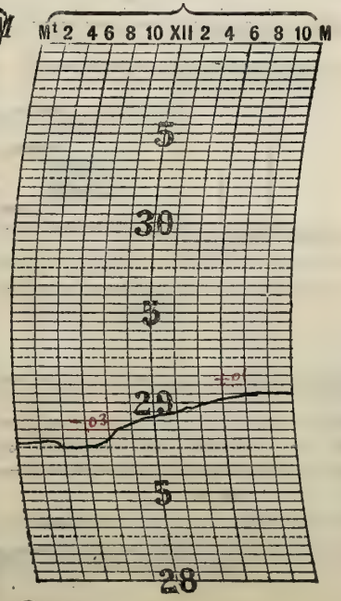
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .10 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.9 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 68
Prevailing wind direction, NW Total wind 299
Average hourly velocity, 12.5 Extreme velocity, 32
Maximum velocity, 28 Direction, NW
Time began, 10:37 a.m.
Reduced barometer, 29.66 7 a. m. 29.99 7 p. m.
River gage, 5.1 Rect.
Relative humidity, 96 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 47.8 Wet temperature, 42.1
Dew-point, 35 R. humidity, 62 V. pressure, 203
Clouds: Amount, 6; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

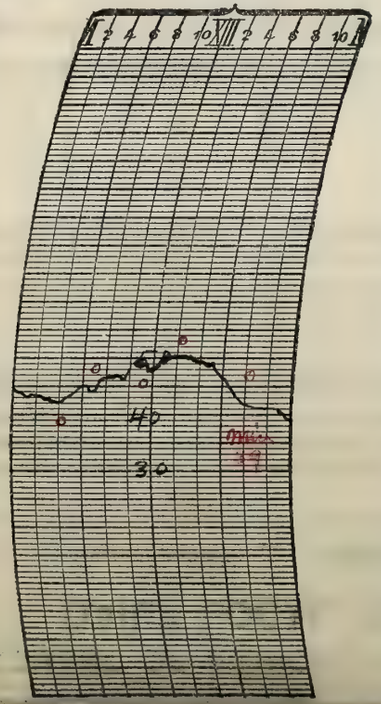
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A Thunderstorm began during the night a.m. and continued till 7:15 a.m.
The day was cloudy in the morning with light rain lasting till about 7:15 a.m. The clouds gradually decreased and it was clear most of the afternoon and into the night. Moon and stars bright.
Moderate northwest winds blew from about 2 a.m till nightfall. The day was pleasant except for the chilly winds.

Prepared by E E P
Verified by P. McDonough

Form No. 1014—Mo't.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 10 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	36	35	36	35	36	40	44	46	47	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear					×	Pt
Sunshine (in tenths of hours)						0 (.85)	0 (1.0)	0.7 (0.3)	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	W	W	SW	SW	SW	SW	W	W	W
Wind movement	2	2	4	4	5	5	5	7	11	11	14	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	51	51	50	47	44	42	40	40	39	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy				×		Clear →					
Sunshine (in tenths of hours)	0.7	0.7	0.7	0.5	0 (0.5)	0 (1.0)	0 (.25)					
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	16	16	17	16	16	15	10	8	5	4	2	2

Sunrise: Time, 5:09 Character, Clear
Moonrise: 9:18a Clear

Sunset: Time, 6:15 Character, Clear
Moonset: —

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

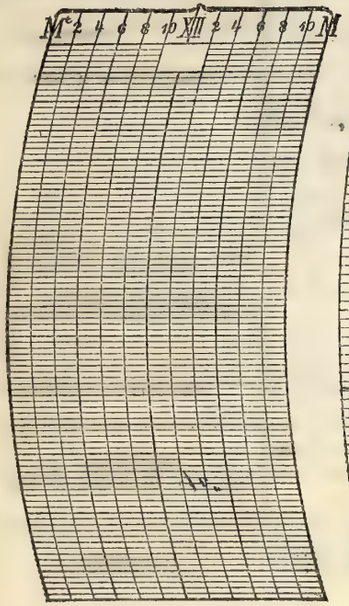
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	34	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.2 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 85
Prevailing wind direction, NW Total wind 213
Average hourly velocity, 8.9 Extreme velocity, 23
Maximum velocity, 20 Direction, W
Time began, 3.49 p.m.
Reduced barometer, 30.02 7 a. m. 29.98 7, p. m.
River gage, 6.2 feet
Relative humidity, 81 7 a. m. 54 7 p. m.

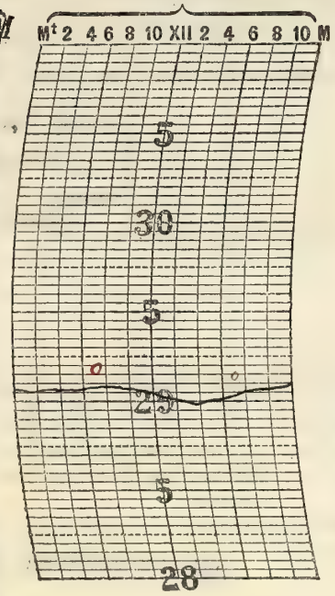
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.3 Wet temperature, 38.8
Dew-point, 24 R. humidity, 35 V. pressure, 1.24
Clouds: Amount, 2/3; Kind, Cu a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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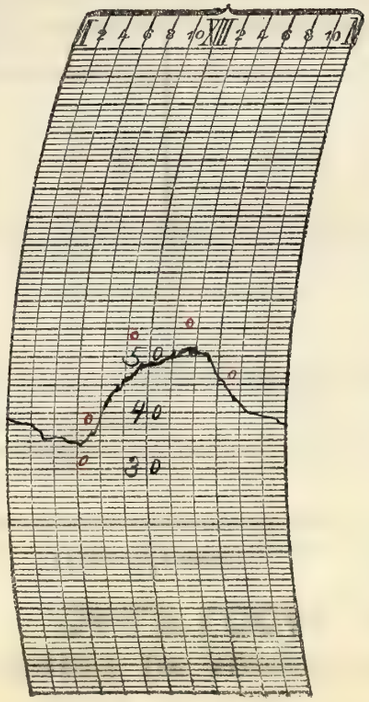


NOTES.

Heavy frost in the morning. Partly cloudy during the middle of the day. Clear into the night. Except in the early morning, the temperatures were very much the same as the previous date and the westerly winds that rose during the middle of the day were still cool.

Prepared by C. E. R.
Verified by P. McPonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 11 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	33	33	33	33	37	41	45	46	46	46	48	50	51	50	46	43	41	40	39	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear									Cloudy					→				
Sunrise: Time, Character,	5:08 Clear																							
Moonrise:	10:06a Clear																							
Sunset: Time, Character,																					6:16 Cloudy			
Moonset:																					12:06a Clear			
Sunshine (in tenths of hours)						.87 0	1.0 0	0.1 0.9	1.0	1.0	0.9	0	0	0.3	0.3	0	0	0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NE	E	SE	S	SW	SW	W	SW	W	SW	SW	N	N	NE	NE	NE	NE	NE
Wind movement	2	1	1	1	1	1	5	6	5	6	6	5	7	6	4	4	4	8	9	9	8	8	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	31	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.4 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 49
Prevailing wind direction, NE-NW Total wind 123
Average hourly velocity, 5.1 Extreme velocity, 12
Maximum velocity, 12 Direction, N
Time began, 5:40 pm
Reduced barometer, 30.07 7 a. m. 29.99 7 p. m.
River gage, 5.2 feet
Relative humidity, 80 7 a. m. 60 7 p. m.

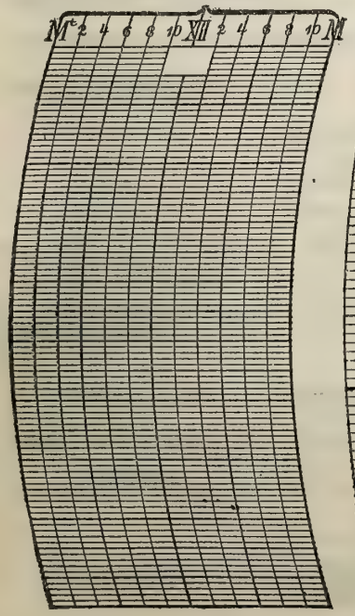
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

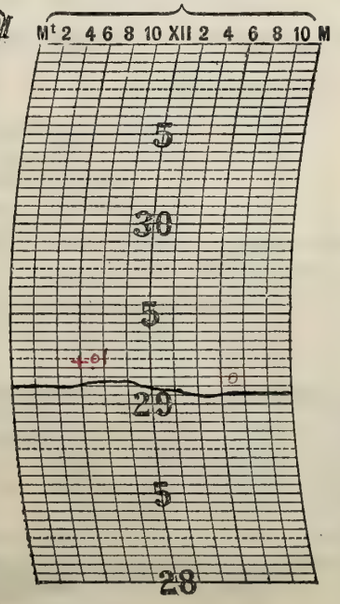
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.7 Wet temperature, 36.9
Dew-point, 22 R. humidity, 36 V. pressure, 113
Clouds: Amount, 10; Kind, a.s.t.; Direction, W
Velocity of clouds (miles per hour)

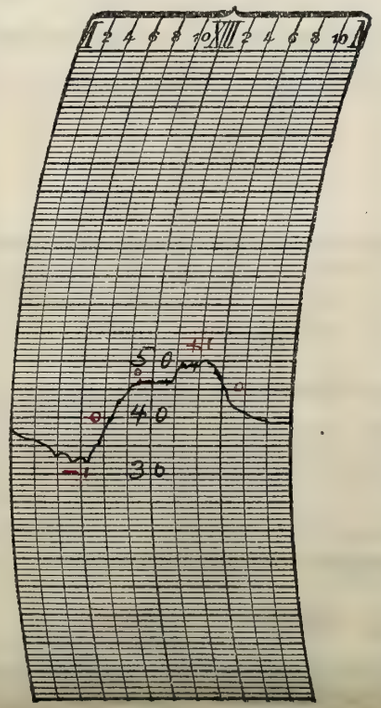
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Killing frost in the early morning
Tipping bucket raingage put in position on roof at 1:10 pm
Clear in the morning and cloudy the rest of the day and into the night. Except in the early morning hours the temperature was very much the same as on the two preceeding days.

Prepared by J. McDERR
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 12 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	38	39	40	42	43	48	54	54	55	57	56	55	55	54	54	54	53	51	50	51	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Cloudy												→
Sunrise: Time, Character	5:06 Cloudy																							
Moonrise	10:59a Cloudy																							
Sunset: Time, Character																					6:17 Cloudy			
Moonset																					12:53a Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.2	0.7	0.1	0	0	0	0	0					
Wind direction	NE	NE	E	E	SE	SE	S	SW	SW	SW	W	W	W	W	NW	NW	NW	N	N	SE	SE	SE	S	S
Wind movement	6	7	7	6	4	6	9	10	13	11	14	12	11	10	9	9	8	4	3	2	3	2	3	9
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	38	48	

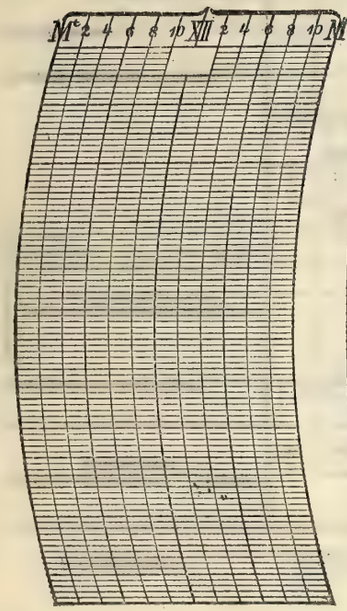
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, First Quarter 5:12 am
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.0 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 8
Prevailing wind direction, SE Total wind 178
Average hourly velocity, 7.4 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 10:11 am
Reduced barometer, 29.97 7 a. m. 29.90 7 p. m.
River gage, 4.7 feet
Relative humidity, 72 7 a. m. 63 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

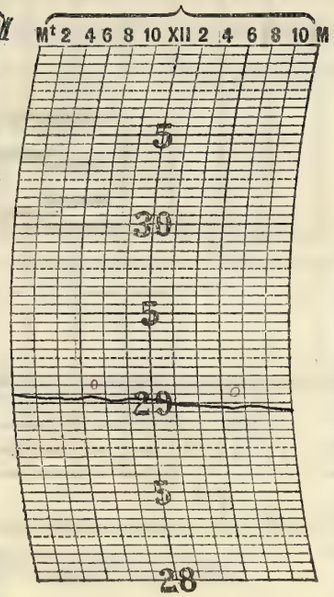
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.8 Wet temperature, 46.8
Dew-point, 39 R. humidity, 55 V. pressure, 237
Clouds: Amount, 10; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

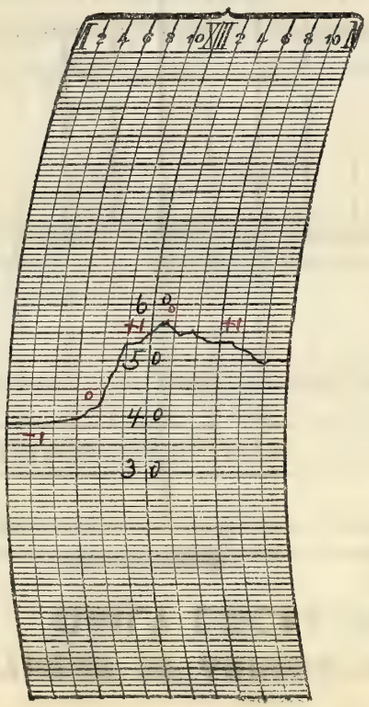
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy all day and into the night. The moon and a few brighter stars visible at times through rifts in the clouds. The temperatures were higher than the preceding day.

Prepared by OER
Verified by T. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 13 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	47	47	47	49	54	58	64	67	69	70	71	71	71	72	68	67	64	62	61	60	58
State of weather. Nature of precipitation and time of beginning and ending																							RA 1045	RA 1135
Amounts of precipitation																							T	T
Cloudiness and other conditions							← Clear →																	
Sunrise: Time, 5:05 Character, Clear																					Sunset: Time, 6:18 Character, Cloudy			
Moonrise: 11:56 a Clear																					Moonset: 1:36 a Clear?			
Sunshine (in tenths of hours)						.92 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.9	1.0	0.1	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	10	10	10	9	10	12	14	15	16	19	20	21	21	20	17	14	10	10	10	11	12	6
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	46	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.6 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 88
Prevailing wind direction, SW Total wind 319
Average hourly velocity, 13.3 Extreme velocity, 33
Maximum velocity, 28 Direction, SW
Time began, 1:58 p. m.
Reduced barometer, 29.91 7 a. m. 29.76 7 p. m.
River gage, 4.3 feet
Relative humidity, 71 7 a. m. 54 7 p. m.

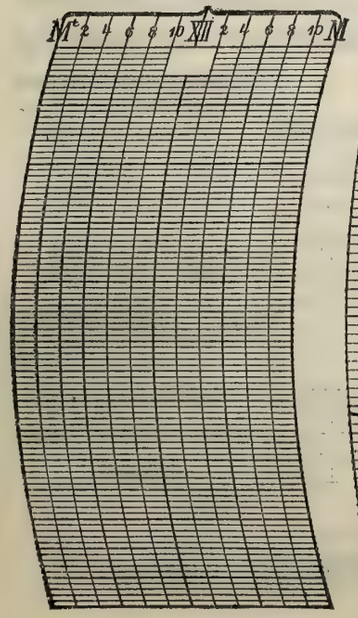
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

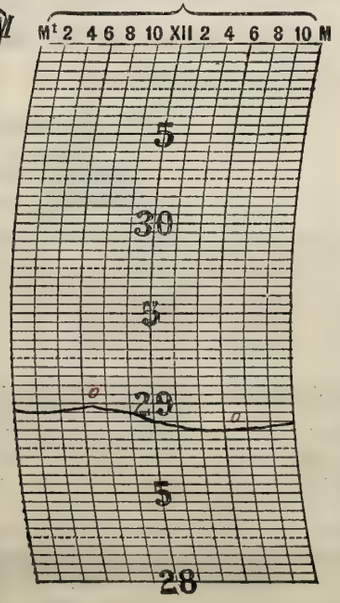
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 56.0
Dew-point, 47 R. humidity, 47 V. pressure, 322
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

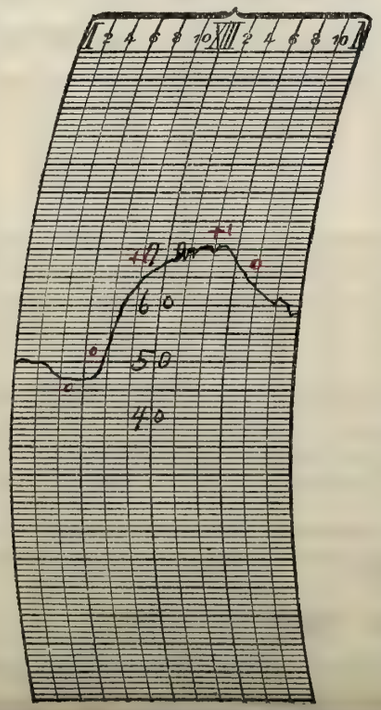
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was generally clear with increasing cloudiness after nightfall. The temperature rose rapidly and it was a very pleasant day, altho it was somewhat sultry after nightfall.

Prepared by O. E. R.
Verified by O. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 14 1924, 192

Time (local standard). 90° mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	54	55	56	56	60	63	65	67	69	69	68	67	66	64	60	57	55	51	48	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy ×				— clear			× Pt cldy			×	clear	×		cloudy →				
Sunrise: Time, Character, 5:03 Cloudy																								
Moonrise: 12:57p Cloudy																								
Sunset: Time, Character, 6:19 Cloudy																								
Moonset: 2:16a Cloudy																								
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	1.0	1.0	0.8	0	0					
Wind direction	SW	SW	SW	NW	W	W	NW	NE	NE	NE	E	E	NE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	6	6	6	5	6	5	5	13	11	10	9	8	11	14	13	16	16	14	12	16	18	18	14	15
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	45	57	

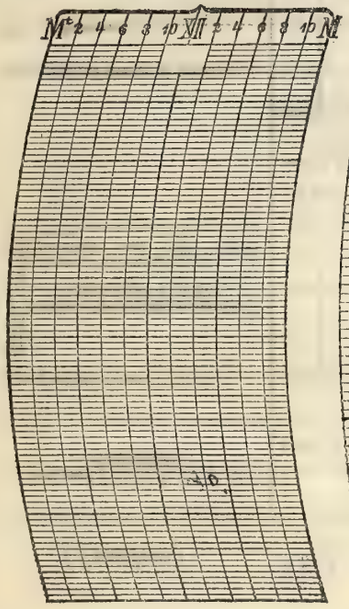
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.1 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 68
Prevailing wind direction, E Total wind 267
Average hourly velocity, 11.1 Extreme velocity, 23
Maximum velocity, 22 Direction, E
Time began, 8:28 p.m.
Reduced barometer, 29.87 7 a. m. 29.94 7 p. m.
River gage, 4.1 feet
Relative humidity, 88 7 a. m. 55 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

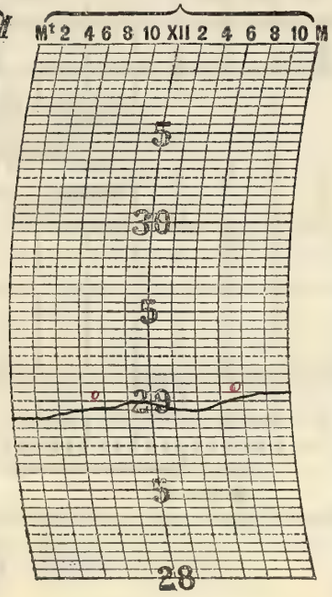
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.7 Wet temperature, 57.2
Dew-point, 49 R. humidity, 49 V. pressure, .347
Clouds: Amount, Few; Kind, cirr; Direction, W
Velocity of clouds (miles per hour)

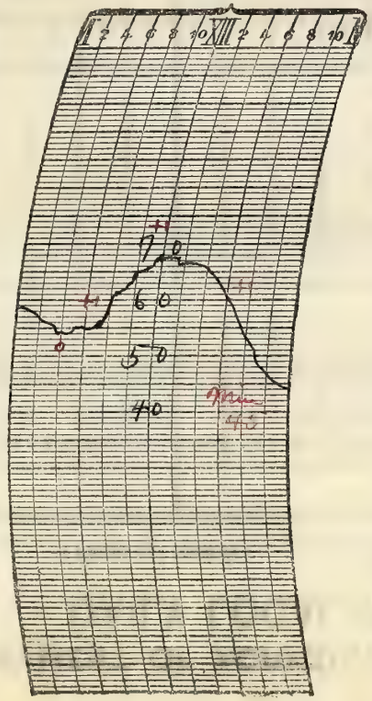
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Variable cloudiness during the day. Cloudy at night with moon visible at times through rifts in the clouds. Warm and pleasant

Prepared by E. R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 15 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	41	39	39	39	42	46	50	54	57	59	61	63	61	58	55	51	47	43	41	40	40	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←					Clear							→					
Sunshine (in tenths of hours)						.97 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.04 0.6	1.0 0	.33 0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	16	14	14	14	14	16	17	18	16	17	14	15	17	16	18	18	19	18	19	17	20	21	18	17
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:02 Character, Clear
Moonrise: 2:01 p Clear

Sunset: Time, 6:20 Character, Clear
Moonset: 2:54 a Clear?

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

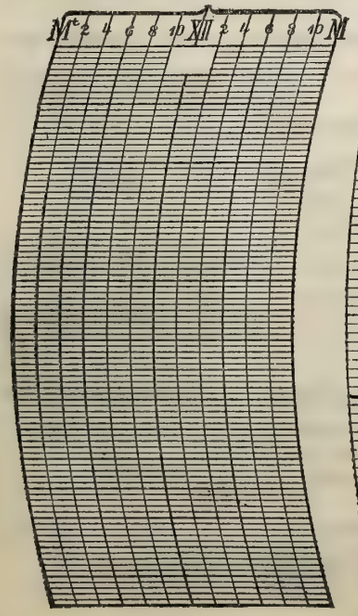
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	39	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.3 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 403
Average hourly velocity, 16.8 Extreme velocity, 24
Maximum velocity, 23 Direction, E
Time began, 6:50 p. m.
Reduced barometer, 29.98 7 a. m. 29.93 7, p. m.
River gage, 3.7 feet
Relative humidity, 70 7 a. m. 57 7 p. m.

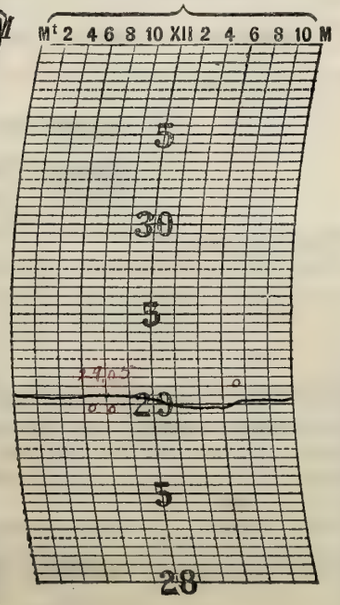
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.2 Wet temperature, 46.7
Dew-point, 32 R. humidity, 36 V. pressure, .180
Clouds: Amount, 3; Kind, a Cu.; Direction, W
Velocity of clouds (miles per hour)

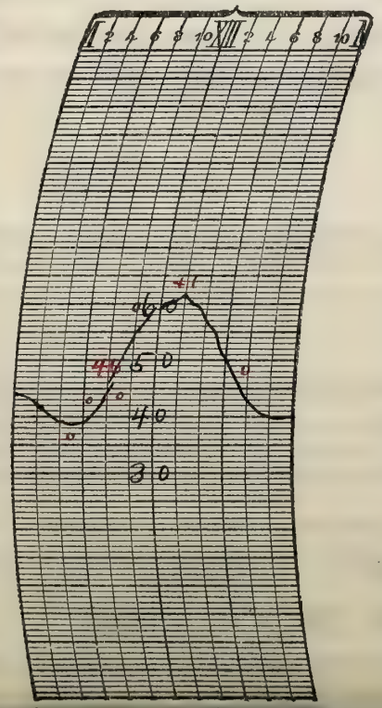
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear all day and into the night with bright moonlight. A very pleasant day except for east winds which were somewhat chilly.

Prepared by E.R.
Verified by O. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 16 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	39	39	40	42	43	44	46	50	54
State of weather: Nature of precipitation and time of beginning and ending								RB 7:10	RE 8:15			
Amounts of precipitation								T	T			
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	5:00 Cloudy											
Moonrise:	3:09 p Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0.1	0.2	0
Wind direction	E	E	E	E	E	E	E	E	NE	E	E	E
Wind movement	18	16	15	15	15	17	14	15	13	15	16	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	56	54	53	51	50	47	46	46	46	46
State of weather: Nature of precipitation and time of beginning and ending						RB 5:10				RE DN		
Amounts of precipitation						T	T	.03	.01	T		
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									6:21 Cloudy			
Moonset:									3:30 a Cloudy?			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	12	13	14	14	15	15	14	11	12	13	13	12

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

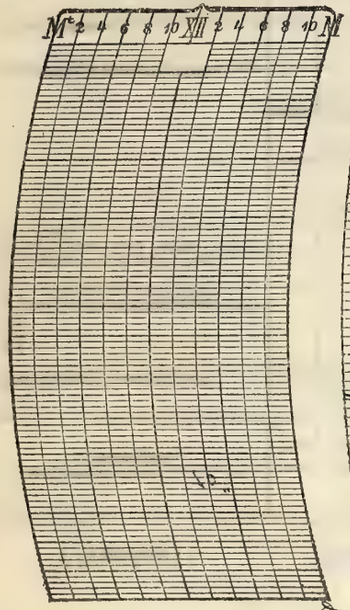
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	38	48	

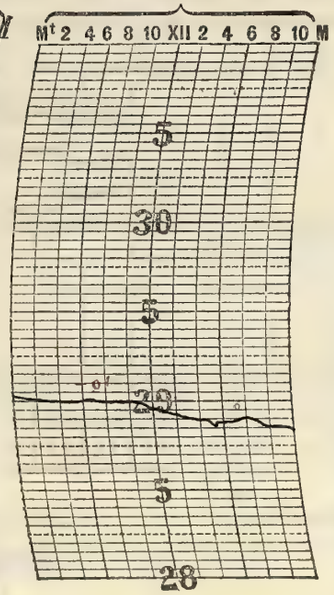
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.3 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 2
Prevailing wind direction, E Total wind 342
Average hourly velocity, 14.2 Extreme velocity, 23
Maximum velocity, 20 Direction, E
Time began, 12:21 a.m.
Reduced barometer, 29.92 7 a. m. 29.81 7 p. m.
River gage, 3.5 feet
Relative humidity, 70 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 54.5 Wet temperature, 46.7
Dew-point, 39 R. humidity, 56 V. pressure, 237
Clouds: Amount, 10; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

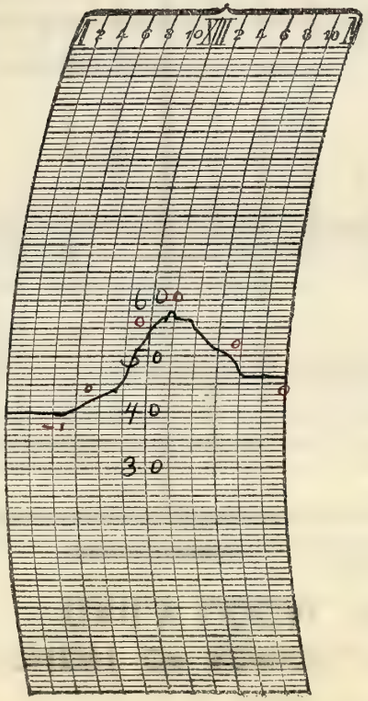
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy all day with a small shower in the forenoon and a light rain in the late afternoon and evening. Moderately warm temperatures continued through the night.

Prepared by E. R.
Verified by P. McGlinnough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 17 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	47	46	46	47	48	58	59	56	59	61	64	65	66	63	62	58	55	52	48	47	46	45	44
State of weather: Nature of precipitation and time of beginning and ending				RB DN					RE 8:15															
Amounts of precipitation				T	.08	.08	.12	.04	T															
Cloudiness and other conditions						←		Cloudy				×		Pt	Cloudy			×	Cloudy		→			
Sunshine (in tenths of hours)					0	0	0	0	0	0.3	0.9	1.0	1.0	1.0	1.0	0.8	0.3	0	0					
Wind direction	E	E	E	E	SE	SE	S	S	W	W	W	SW	SW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	6	6	4	4	4	9	12	6	8	9	14	18	16	14	15	16	14	14	15	13	9	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:58; Character, Cloudy. Moonrise: 4:19 p, Cloudy.

Sunset: Time, 6:23; Character, Cloudy. Moonset: 4:05 a, Cloudy.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

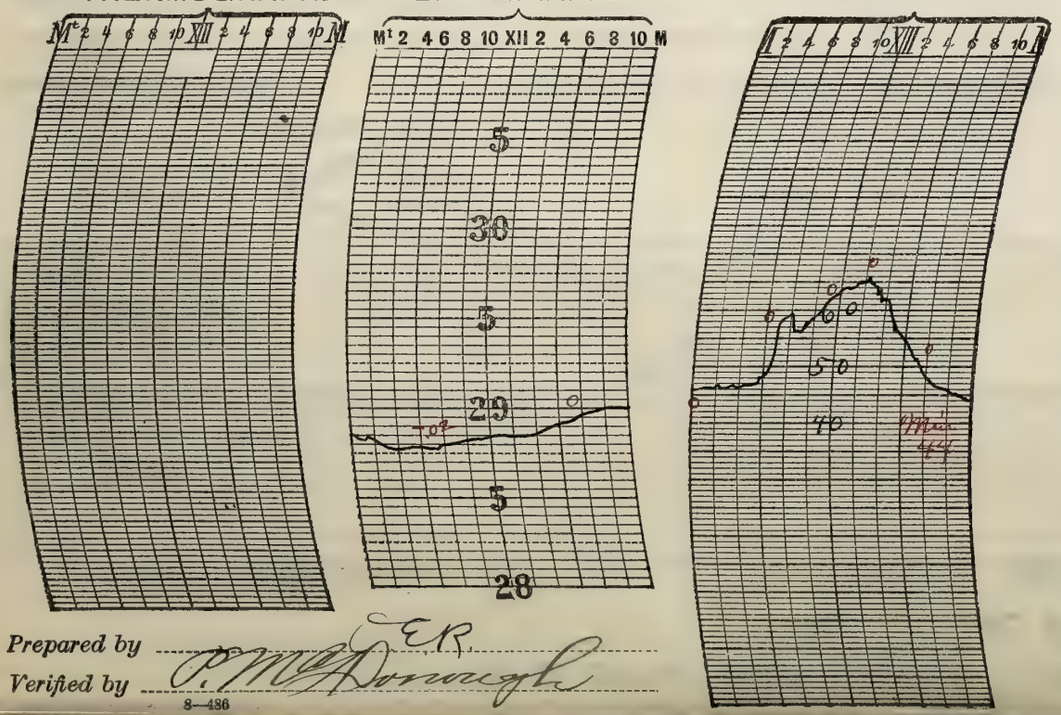
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	44	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .32 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .32 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.3. Possible sunshine, hours, 13.4
Per cent of possible sunshine, 47
Prevailing wind direction, W-NW. Total wind 248
Average hourly velocity, 10.3. Extreme velocity, 23
Maximum velocity, 22. Direction, SW
Time began, 12:53 A.M.
Reduced barometer, 29.66 7 a. m. 29.88 7 p. m.
River gage, 3.4 feet
Relative humidity, 97 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.4. Wet temperature, 55.9
Dew-point, 49. R. humidity, 58. V. pressure, .347
Clouds: Amount, 3/4; Kind, acu/cu; Direction, SW/W
Velocity of clouds (miles per hour)

THERMOGRAPH. BAROGRAPH. THERMOGRAPH.



NOTES.

Cloudy during the forenoon with a shower from during the night a.m. until after 8 a.m. Partcloudy in the afternoon. Moon and brighter stars visible through rifts in the clouds. A lunar corona was observed at 10:00 p.m.
The temperature was moderate, except in the early morning when it was higher than usual.

Prepared by E.R.
Verified by P. M. Donnegh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 18 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	41	41	40	42	48	50	52	53	54	57	59	58	51	48	49	49	48	47	46	45	44
State of weather: Nature of precipitation and time of beginning and ending																RB 3:24	RE 4:35			RB 7:10	RE 8:10			
Amounts of precipitation																.01	.01			T	T			
Cloudiness and other conditions						← Clear						→	Pt cldy	×	Cldy	×	Pt cldy	×	Cldy		× Clear			
Sunshine (in tenths of hours)					0.5 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0	0	0	0					
Wind direction	NW	W	W	W	W	W	NW	NW	NW	NW	NW	W	W	SW	SW	W	W	NW	NW	W	SW	SW	SW	SW
Wind movement	4	4	3	4	3	3	4	7	8	6	8	9	12	12	15	19	12	6	5	11	8	8	8	12

Sunrise: Time 4:57, Character Clear. Moonrise: 5:30p Cloudy.

Sunset: Time 6:23, Character Cloudy. Moonset: 4:40a Clear.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	39	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.2 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 69

Prevailing wind direction, W Total wind 191

Average hourly velocity, 8.0 Extreme velocity, 36

Maximum velocity, 29 Direction, W

Time began, 3:20 p. m.

Reduced barometer, 29.94 7 a. m. 29.86 7 p. m.

River gage, 3.4 feet

Relative humidity, 73 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

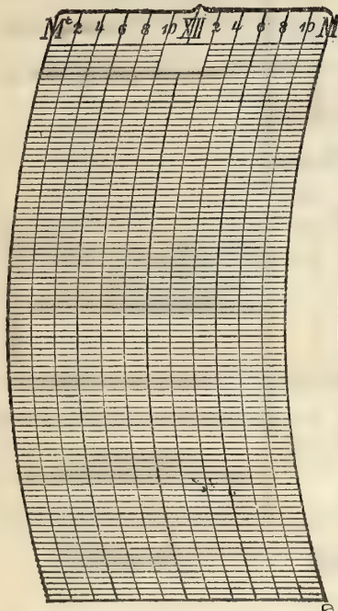
Dry temperature, 54.4 Wet temperature, 42.7

Dew-point, 28 R. humidity, 35 V. pressure, .150

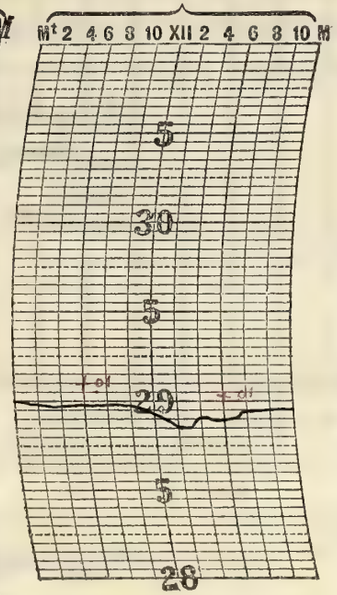
Clouds: Amount, 4; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

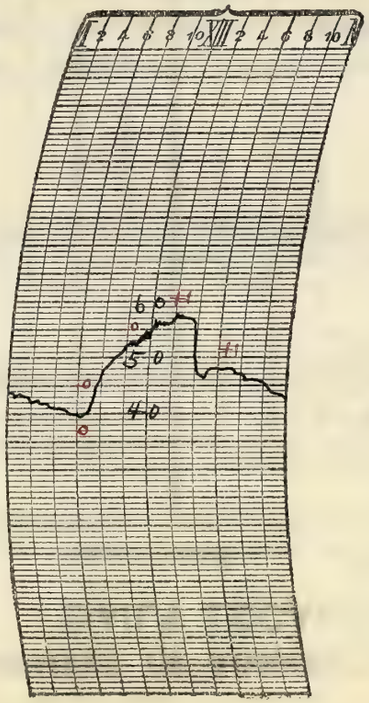
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was entirely clear during the early morning but the cloudiness varied considerably during the remainder of the day. A shower occurred in the afternoon and another one just after the p.m. observation. The sky was clear after 8:30 p.m. with bright moonlight. The day was somewhat cool and the temperature dropped sharply at the beginning of the first shower. These showers were not indicated on the morning map and there was little indication at noon except that the barometer was falling.

Prepared by O. E. R.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 19 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	40	39	38	38	42	45	48	51	54	56	58	58	57	52	49	48	47	47	47	46	46	46
State of weather: Nature of precipitation and time of beginning and ending																RB 3:05						RE DN		
Amounts of precipitation																T	.02	.01	.01	.08	T	T		
Cloudiness and other conditions	← Clear												← Cloudy →											
Sunshine (in tenths of hours)					.07 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	S	E	S	S	S	SW	SW
Wind movement	11	9	10	9	9	8	8	8	9	11	13	13	14	16	12	18	11	5	4	11	13	10	13	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:56 Character, Clear
Moonrise: 6:44 p Cloudy
Sunset: Time, 6:24 Character, Cloudy
Moonset: 5:16 a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

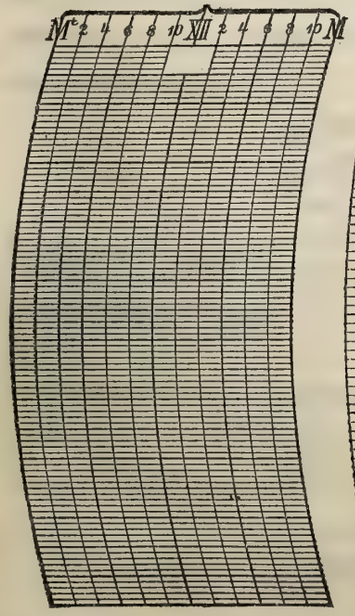
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	38	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Pt. Cldy Moon phase, Full Moon 8:11 am
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.6 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 64
Prevailing wind direction, S.W. Total wind 259
Average hourly velocity, 10.8 Extreme velocity, 24
Maximum velocity, 23 Direction, S
Time began, 3:03 p.m.
Reduced barometer, 29.95 7 a. m. 29.75 7 p. m.
River gage, 3.3 feet
Relative humidity, 75 7 a. m. 81 7 p. m.

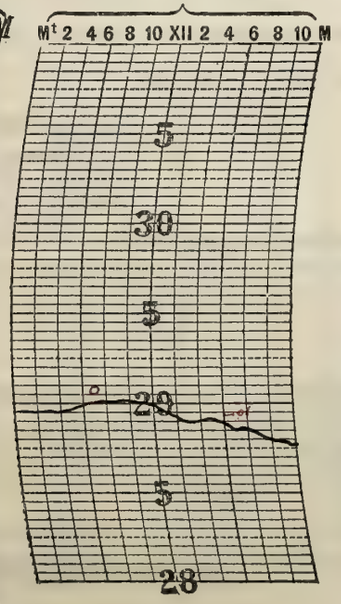
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.3 Wet temperature, 44.6
Dew-point, 30 R. humidity, 37 V. pressure, 1.64
Clouds: Amount, 2; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

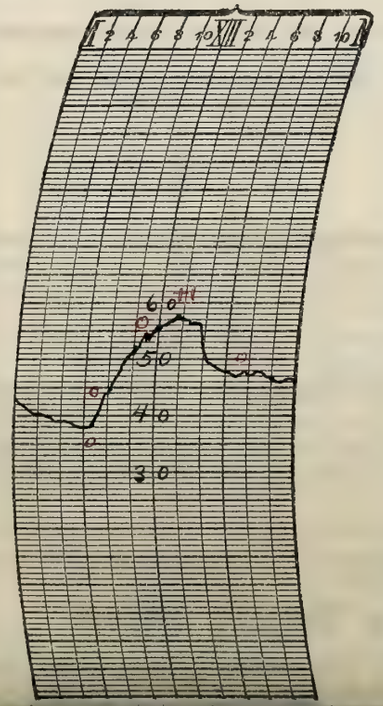
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was cloudless in the morning and there were only a few clouds until after noon when the clouds increased rapidly and light rain began at 3:05 p.m. and continued till about 9 p.m. Bright moonlight from the full moon about 10 p.m. The weather for the day as a whole was quite similar to that of the previous date.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 20 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	45	44	44	42	40	39	38	40	41	42	43	44	46	46	47	48	45	45	43	42	42	40
State of weather. Nature of precipitation and time of beginning and ending		RB 1:30		RE DN																				
Amounts of precipitation		.02	.01	T																				
Cloudiness and other conditions						←							Cloudy						→					
	Sunrise: Time, 4:54; Character, Cloudy. Moonrise: 7:57 p, Cloudy																				Sunset: Time, 6:26; Character, Cloudy. Moonset: 5:55 a, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0.2	0.2	0.2 0	1.0 0	0					
Wind direction	SW	W	SW	SW	W	W	W	NW	NW	N	N	NW	N	NW	W	NW	NW	NW	W	SW	S	S	S	S
Wind movement	17	19	18	10	13	19	25	22	21	17	15	13	10	10	10	8	5	4	5	7	7	7	7	6
Maximum velocities (exceeding 29 miles) direction and time			30 SW 2:15				31 NW 6:10																	

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	38	44	

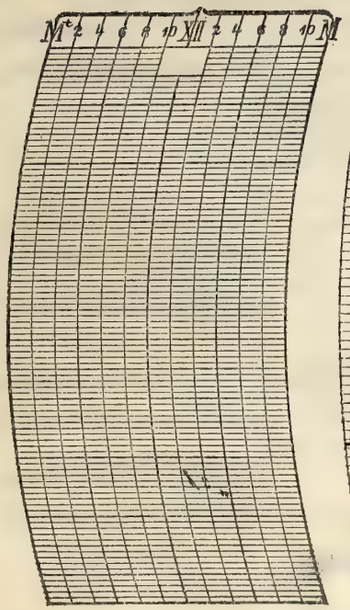
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .11 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.6 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 12
Prevailing wind direction, NW Total wind 295
Average hourly velocity, 12.3 Extreme velocity, 36
Maximum velocity, 31 Direction, NW
Time began, 6:10 am
Reduced barometer, 29.79 7 a. m. 30.06 7 p. m.
River gage, 3.3 fet
Relative humidity, 84 7 a. m. 58 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

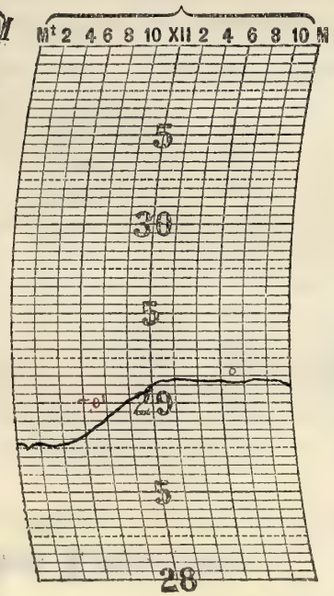
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.0 Wet temperature, 39.0
Dew-point, 35 R. humidity, 77 V. pressure, 203
Clouds: Amount, 9; Kind, St Cu; Direction, NW
Velocity of clouds (miles per hour)

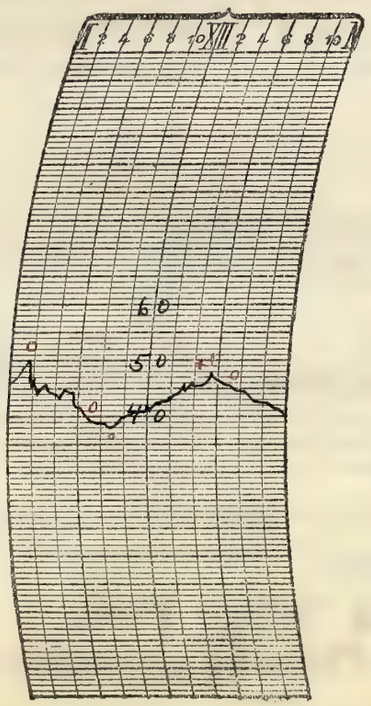
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Easter Sunday.

A small shower occurred during the early morning hours. Heavy clouds prevailed until about 4:30 p.m. when the began to break up; sunshine from 4:50 pm until 6:00 p.m; and cloudy again at 6:30 p.m. The late night was clear with moonlight.

Moderate to brisk winds prevailed until after noon. It was unpleasantly cool until late afternoon.

Prepared by O. A. R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 21 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	41	41	37	33	33	34	25	37	40
Nature of precipitation and time of beginning and ending					RB DN		RE 6:20 SmB 620		SmE 8:00 RB 8:00		RE 10:50	
Amounts of precipitation					T	.10	.20	.38	.05	.09	T	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4:53 Cloudy											
Moonrise:	9:09P Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	E	E	SE	SE	E
Wind movement	8	6	6	6	9	8	7	9	11	12	10	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	39	40	47	52	52	51	49	49	48	46	45
Nature of precipitation and time of beginning and ending	RB 12:10				RE 4:15					RB DN		RE DN
Amounts of precipitation	.03	.17	.17	.05	T					T	.02	T
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									6:27 Cloudy			
Moonset:									6:39a Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	E	E	SE	S	SW	W	W	W	W	W	W
Wind movement	6	6	5	3	6	7	11	11	7	6	12	6

State of weather.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

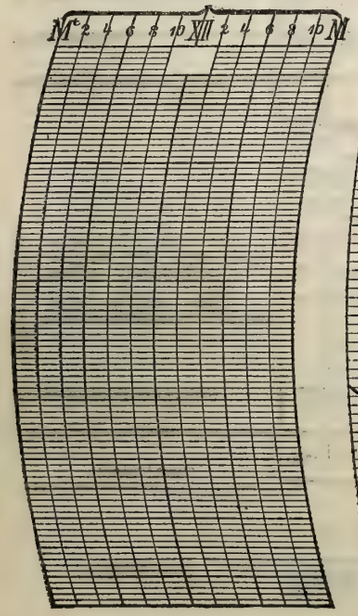
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	33	42	

Total depth of snow for 24 hours ending 7 p. m., 4.7* inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 4.7* inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., 1.02 ins.
Total precipitation, midnight to midnight, 1.26 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind 184
Average hourly velocity, 7.7 Extreme velocity, 23
Maximum velocity, 20 Direction, W
Time began, 6:38 p.m.
Reduced barometer, 29.85 7 a. m. 29.49 7 p. m.
River gage, 3.4 feet
Relative humidity, 95 7 a. m. 92 7 p. m.

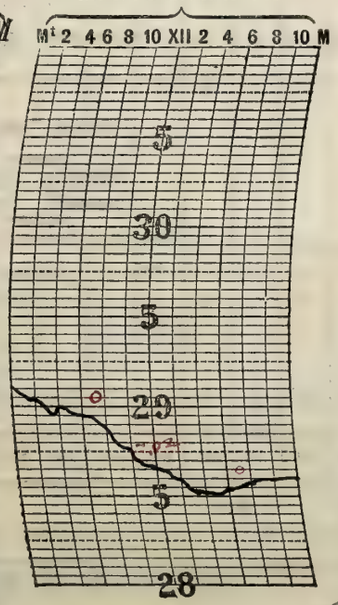
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.0 Wet temperature, 38.8
Dew-point, 38 R. humidity, 90 V. pressure, .228
Clouds: Amount, 10; Kind, St; Direction, SE
Velocity of clouds (miles per hour)

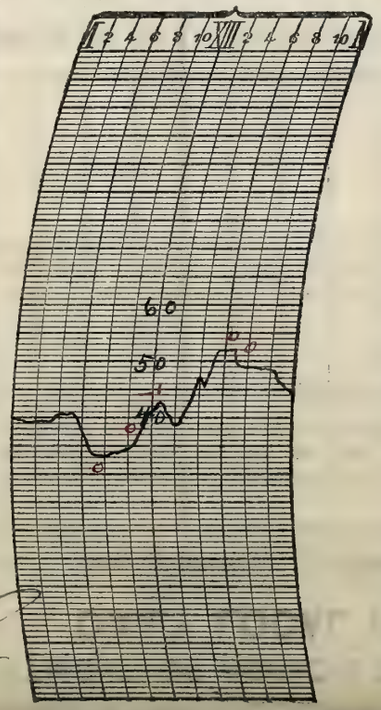
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. * Estimated

*Hourly amounts estimated.
Depth of snow at 7 am 0.1 inch.
Depth of snowfall to 8:00 am 4.7* inches; water content .47 in. Thunderstorm from 1:11 p.m. to 4:15 p.m.
The rain which began during the night a.m. turned to snow at 6:20 a.m. The snow continued till 8 am and then rain again. The total amount of snowfall, 4.7 inches, is the greatest amount recorded for April since the station was established.
The clouds continued all day and into the night. For a while about 8 p.m. the stars were visible through rifts in the clouds.

Prepared by P. McE. R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 22 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	41	40	38	37	39	40	42	43	46	47	48	48	48	47	45	44	43	42	41	40	40
State of weather. Nature of precipitation and time of beginning and ending									RB 8:00 RE 8:30															
Amounts of precipitation									T															
Cloudiness and other conditions	←											Cloudy					Pt Cldy	×	Clear		→			

Sunrise: Time, 4:51 Character, Cloudy
Moonrise: 10:17 p Clear
Sunset: Time, 6:28 Character, Clear
Moonset: 7:28 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0.2	0.5	0.7	0.4	1.0	0.9	0.9	0.6 0.3	.47 0					
Wind direction	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	11	12	11	14	17	21	15	16	15	16	16	16	19	18	21	20	18	15	10	8	7	5	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

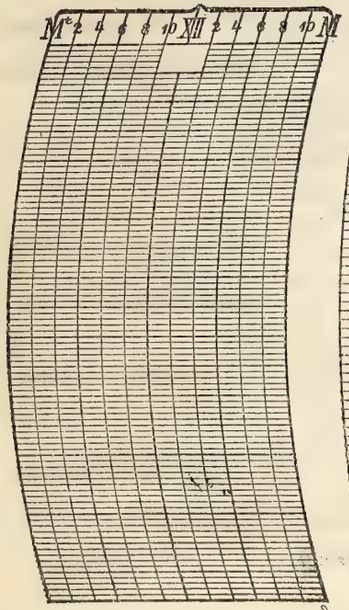
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	37	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.1 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 45
Prevailing wind direction, NW Total wind 332
Average hourly velocity, 13.8 Extreme velocity, 28
Maximum velocity, 25 Direction, NW
Time began, 5:04 am
Reduced barometer, 29.70 7 a. m. 30.10 7, p. m.
River gage, 8.0 feet
Relative humidity, 91 7 a. m. 73 7 p. m.

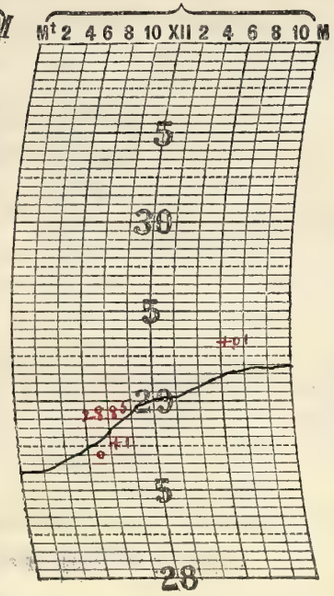
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.8 Wet temperature, 42.5
Dew-point, 40 R. humidity, 84 V. pressure, .247
Clouds: Amount, 8; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

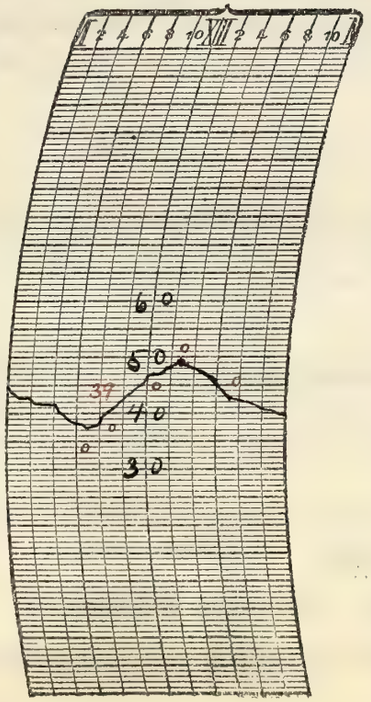
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy clouds in the morning with a light sprinkle. In the afternoon the clouds gradually decreased and after nightfall entirely disappeared. Stars bright. The day was too cold to be pleasant. Moderate northwest winds.

Prepared by O. E. B.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 23 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	36	35	35	39	44	48	52	52	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear		× Pt cldy		×	Cloudy		
Sunshine (in tenths of hours)					.17 0	1.0 0	0.5 0.4	0.6	0.7	0.9	0.7	0
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	4	4	4	5	7	9	8	8	7	8	7

Sunrise: Time, 4:50 Character, Clear
Moonrise: 11:20p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	57	57	58	58	57	56	54	51	49	48	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear			→			
Sunshine (in tenths of hours)	0.5	1.0	1.0	1.0	1.0	0.8 0.2	0.2 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SE	SE	SE
Wind movement	10	13	15	15	17	12	8	6	2	4	4	5

Sunset: Time, 6:29 Character, Cloudy
Moonset: 8:22a Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	35	47	

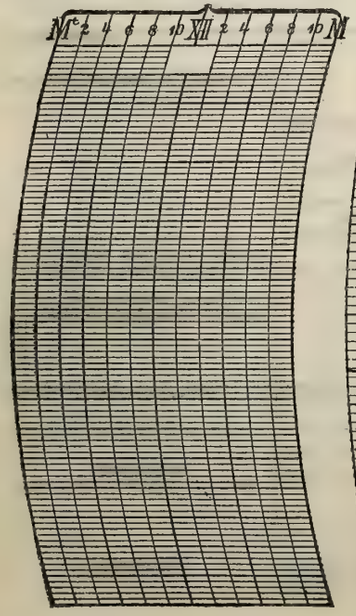
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.7 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 79
Prevailing wind direction, SW Total wind 186
Average hourly velocity, 7.8 Extreme velocity, 21
Maximum velocity, 20 Direction, SW
Time began, 4:22 p.m
Reduced barometer, 30.22 7 a. m. 30.06 7 p. m.
River gage, 8.1 feet
Relative humidity, 86 7 a. m. 54 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

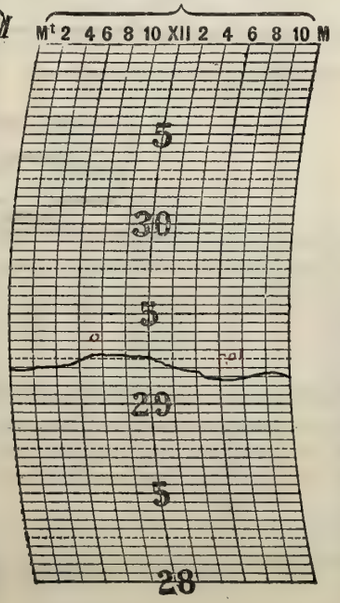
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.8 Wet temperature, 46.3
Dew-point, 41 R. humidity, 66 V. pressure, 256
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

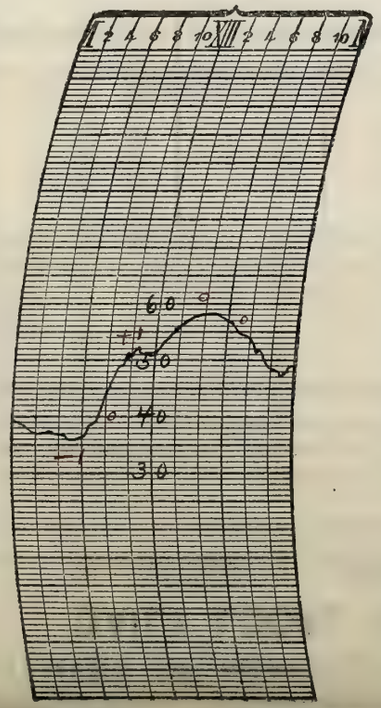
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost in a. m.
Moonlight in early morning hours.
Clear in the early morning with increasing cloudiness till noon when the sky was entirely overcast. The sky became clear again after noon and it continued clear into the night.
Rising temperature.

Prepared by O.E.R.
Verified by C. McDonald

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 24 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	48	47	46	45	49	55	61	64	67	70	72	74	75	74	74	73	72	68	68	66	60	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear							Hzdy					
Sunshine (in tenths of hours)					.20 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	0.2 0					
Wind direction	SE	SE	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	SW	SW	SW	SW	SW
Wind movement	6	5	4	5	7	7	8	9	10	9	10	7	7	9	9	7	6	4	1	3	2	3	4	1

Sunrise: Time, 4:48 Character, Clear
Moonrise: — —
Sunset: Time, 6:30 Character, Cloudy
Moonset: 9:21 a Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	45	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.4 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 98
Prevailing wind direction, SW Total wind 143
Average hourly velocity, 6.0 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 8:10 am
Reduced barometer, 30.13 7 a. m. 29.99 7 p. m.
River gage, 6.0 feet
Relative humidity, 60 7 a. m. 42 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time.

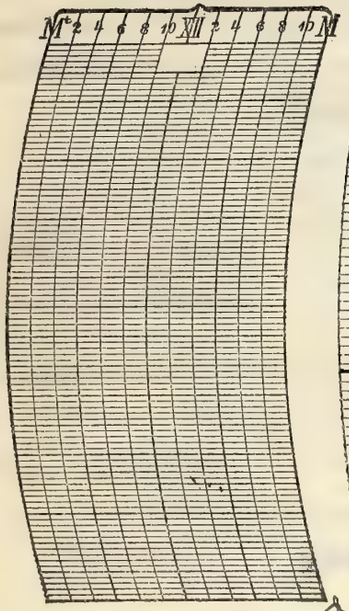
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

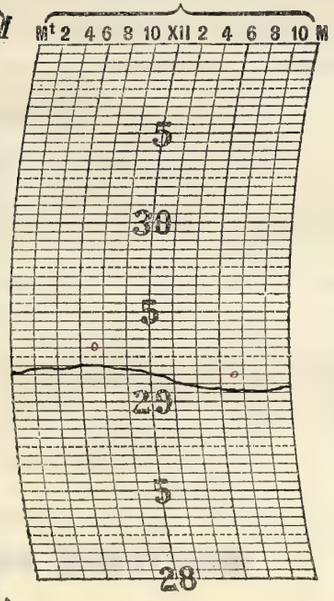
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.6 Wet temperature, 56.1
Dew-point, 46 R. humidity, 42 V. pressure, 31.0
Clouds: Amount, 1; Kind, Ci St.; Direction, W
Velocity of clouds (miles per hour)

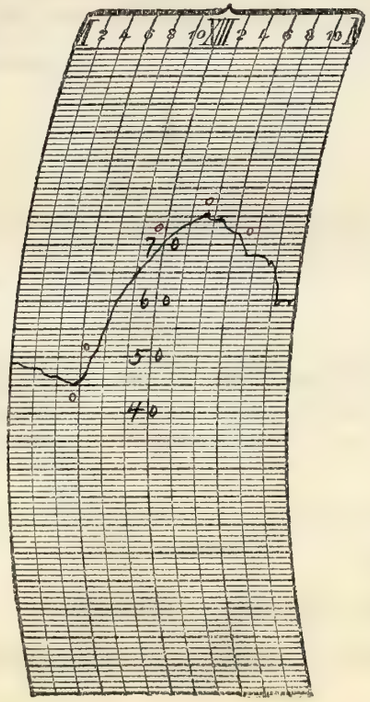
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moonlight in early morning hours.
A few upper clouds prevailed all day. Stars visible at night through the thin clouds.
The temperature rose rapidly and reached the highest point, 76.4°, of the season to date.

Prepared by O. E. P.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 25 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	51	49	49	48	48	50	56	56	59	61	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear					Cloudy →	
Sunshine (in tenths of hours)					0	0	0.5 0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	NE	E	E	E	E	E	E	E	E	E	E
Wind movement	6	12	14	14	11	8	7	10	13	15	17	16

Sunrise: Time, 4:47 Character, Cloudy
Moonrise: 12:15a Clear?

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	61	58	55	53	50	49	48	47	46
State of weather: Nature of precipitation and time of beginning and ending						RB 5:40		RE 7:45				
Amounts of precipitation						T	T	T				
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3	0	0	0					
Wind direction	NE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	16	16	17	19	20	17	14	17	19	18	20	18

Sunset: Time, 6:31 Character, Cloudy
Moonset: 10:23a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

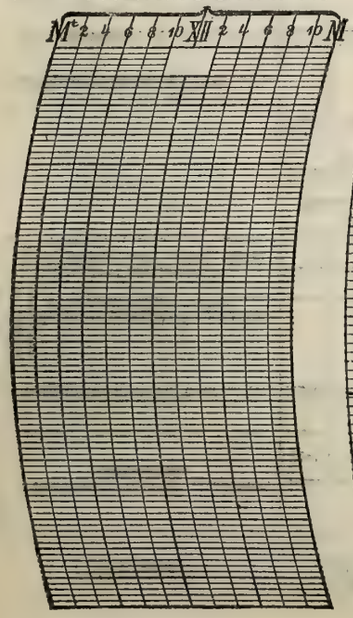
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	46	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase, ~~10:28 pm~~ Last Quarter
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.0 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 66
Prevailing wind direction, E Total wind 354
Average hourly velocity, 14.8 Extreme velocity, 26
Maximum velocity, 24 Direction, E
Time began, 4:13 p.m.
Reduced barometer, 30.07 7 a. m. 30.15 7 p. m.
River gage, 5.2 feet
Relative humidity, 75 7 a. m. 53 7 p. m.

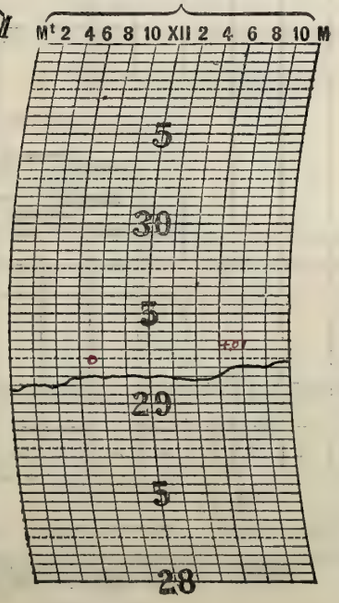
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.8 Wet temperature, 52.5
Dew-point, 43 R. humidity, 50 V. pressure, .277
Clouds: Amount, 8; Kind, Cist.; Direction, W
Velocity of clouds (miles per hour)

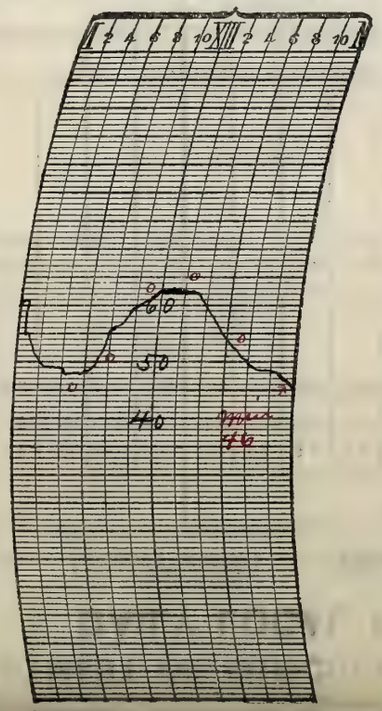
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear during the morning until after 9 a.m. when the sky became nearly overcast with thin upper clouds through which the sun shone until late afternoon. A light shower occurred during the evening with the surface wind from the east although the clouds were moving slowly from the north and the barometer was rising quite rapidly. The temperatures were moderate but it was considerably cooler than on the previous date.

Prepared by OER

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 26 1924, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	43	43	43	45	47	50	53	57	60	61	62	63	58	55	53	52	48	46	45	44	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	cloudy			—	×	Pt cldy	×	Cloudy	×	Pt cldy	×	—	cloudy		→			
Sunshine (in tenths of hours)					0	0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	18	15	11	13	21	19	19	18	18	16	15	16	16	16	14	18	18	16	15	17	15	15	16	13
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:45 Character, Cloudy
Moonrise: 1:02a Cloudy
Sunset: Time, 6:32 Character, Cloudy
Moonset: 11:26a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	43	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.8 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 64
Prevailing wind direction, E Total wind 388
Average hourly velocity, 16.2 Extreme velocity, 26
Maximum velocity, 24 Direction, E
Time began, 8:28 a.m
Reduced barometer, 30.22 7 a. m. 30.24 7 p. m.
River gage, 4.5 feet
Relative humidity, 65 7 a. m. 56 7 p. m.

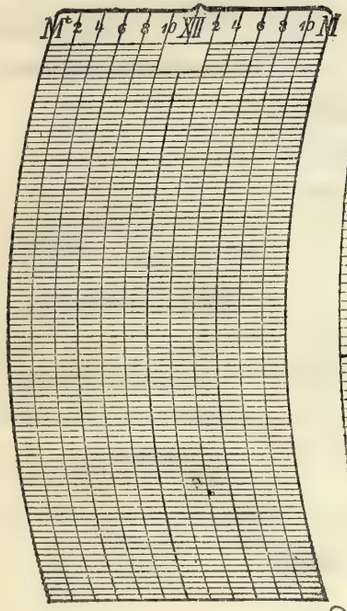
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

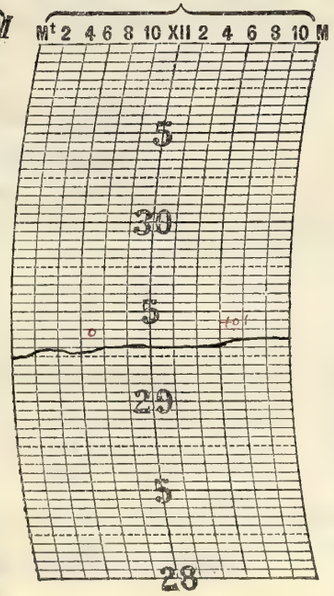
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 49.3
Dew-point, 39 R. humidity, 45 V. pressure, 237
Clouds: Amount, 2 3; Kind, ci a cu; Direction, NW NW
Velocity of clouds (miles per hour)

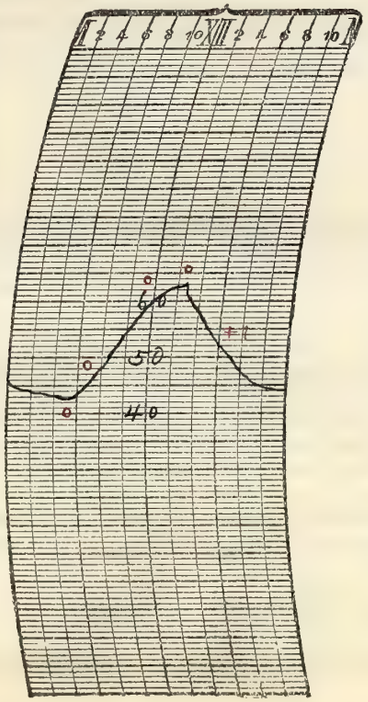
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Upper clouds of varying amounts prevailed the entire day and into the night. The moderate east wind made it seem too cool to be real pleasant

Prepared by O.E.R.
Verified by C.M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 27 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	43	43	43	43	46	51	56	60	66	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy						
Sunshine (in tenths of hours)					0	0	0.1	0.8	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	SE
Wind movement	12	11	11	12	10	10	11	9	9	10	9	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	67	62	60	58	56	51	49	48
State of weather: Nature of precipitation and time of beginning and ending					RB 4:55	–	–	–	–	–	–	R Cont'd –
Amounts of precipitation					T	.01	T	T	.02	.07	.09	.12
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	0.3	0	0	0	0	0					
Wind direction	SE	SE	SE	SE	SE	E	NE	NE	NE	E	NE	NE
Wind movement	9	11	9	6	6	5	6	4	6	8	8	7

Sunrise: Time, 4:44 Character, Cloudy
Moonrise: 1:43 a Cloudy
Sunset: Time, 6:33 Character, Cloudy
Moonset: 12:30 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

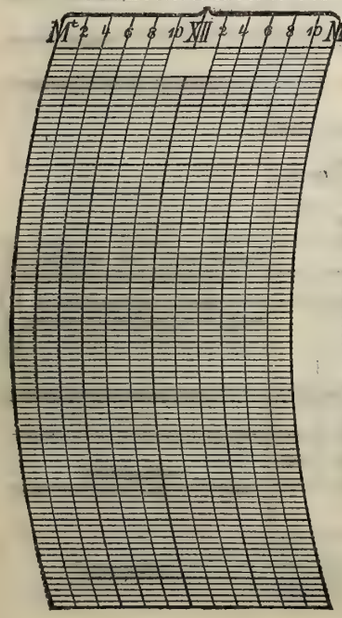
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	43	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .31 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.2 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 45
Prevailing wind direction, E Total wind 209
Average hourly velocity, 8.7 Extreme velocity, 15
Maximum velocity, 15 Direction, E
Time began, 12:23 a. m.
Reduced barometer, 30.27 7 a. m. 30.07 7, p. m.
River gage, 3.9 feet
Relative humidity, 72 7 a. m. 66 7 p. m.

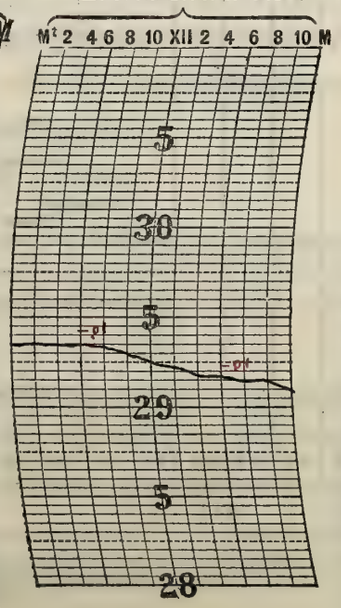
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 53.0
Dew-point, 39 R. humidity, 35 V. pressure, 237
Clouds: Amount, 8; Kind, Ast; Direction, W
Velocity of clouds (miles per hour)

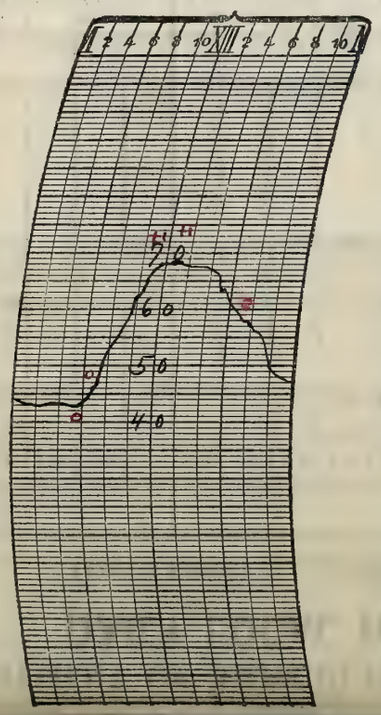
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Upper clouds prevailed until after noon when the clouds gradually lowered and rain set in in the late afternoon continuing past midnight. The day was warm and pleasant.

Prepared by OER
Verified by P. McDonough

8—486

FORM NO. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 28 1924, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	48	49	49	51	53	53	53	54	54	55	54	52	54	53	52	52	51	49	49	49	49	46
State of weather: Nature of precipitation and time of beginning and ending	R cont'd				RE DN.											RB 3:44	RE 4:45		RB 6:55		RE DN			
Amounts of precipitation	T	T	.01	.01	T											T	T		T	T	T			
Cloudiness and other conditions						←						Cloudy								→				
Sunrise: Time, Character	4:43 Cloudy																							
Moonrise:	2:19 a Cloudy																							
Sunset: Time, Character																					6:34 Cloudy			
Moonset:																					1:31 p Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	E	E	E	E	SW	SW	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	W	W	W	W	SW
Wind movement	6	1	2	2	4	6	8	12	12	12	16	18	18	15	13	13	12	10	11	10	7	7	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	46	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .32 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 228
Average hourly velocity, 9.5 Extreme velocity, 24
Maximum velocity, 23 Direction, W
Time began, 11:27 a.m.
Reduced barometer, 29.95 7 a. m. 29.94 7 p. m.
River gage, 3.6 feet
Relative humidity, 88 7 a. m. 81 7 p. m.

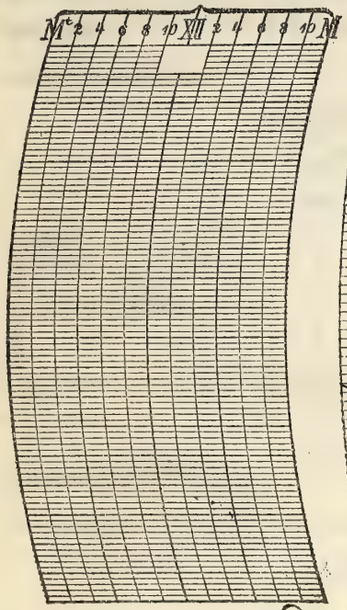
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

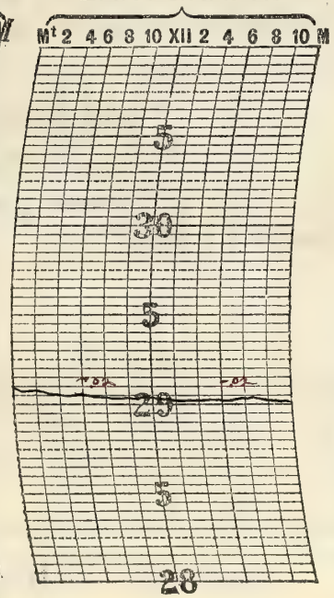
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.8 Wet temperature, 50.3
Dew-point, 47 R. humidity, 74 V. pressure, .322
Clouds: Amount, 10; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

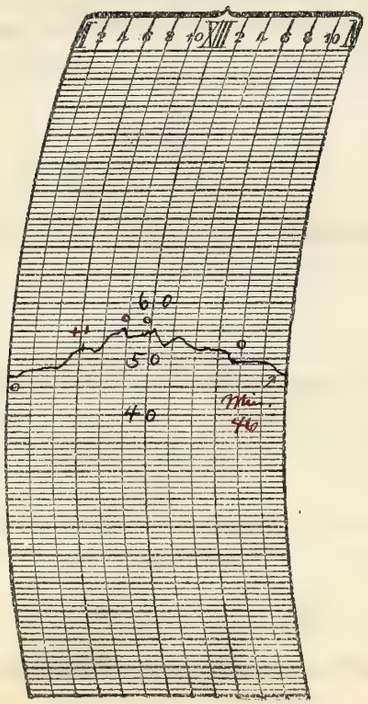
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The word "warning" added to a.m. telegraphic report.
Heavy clouds prevailed the entire day and into the night. Light rain continued from the previous date and ended during the night a.m. a small shower occurred in the afternoon and another one in the evening. Due to low-hanging, heavy clouds it was rather dark at 12:30 p.m. and again about 3:30 p.m.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 29 1924, 192

Time (local standard). 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	45	44	44	45	49	53	58	60	62	64	65	67	66	67	67	65	62	59	57	55	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear					× Pt cldy					× Clear		× Pt cldy		→			
Sunshine (in tenths of hours)					.32 0	1.0 0	0.1 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.8	0.4	0.8 0.1	0					
Wind direction	SW	SW	SW	SW	W	W	SW	SW	SW	W	W	W	W	W	W	W	W	W	NW	NW	N	N	NE	NE
Wind movement	9	9	10	9	5	4	5	6	6	9	10	10	9	10	10	10	11	7	5	4	5	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:41 Character, Clear
Moonrise: 2:51a Clear
Sunset: Time, 6:35 Character, Cloudy
Moonset: 2:52 p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

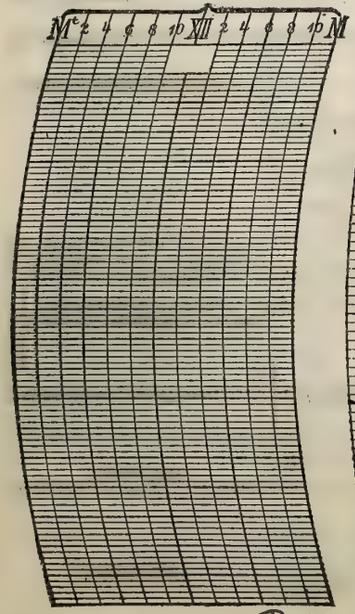
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	44	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.6 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 83
Prevailing wind direction, W Total wind 181
Average hourly velocity, 7.5 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 4:17 p.m.
Reduced barometer, 29.89 7 a. m. 29.73 7 p. m.
River gage, 3.8 feet
Relative humidity, 80 7 a. m. 50 7 p. m.

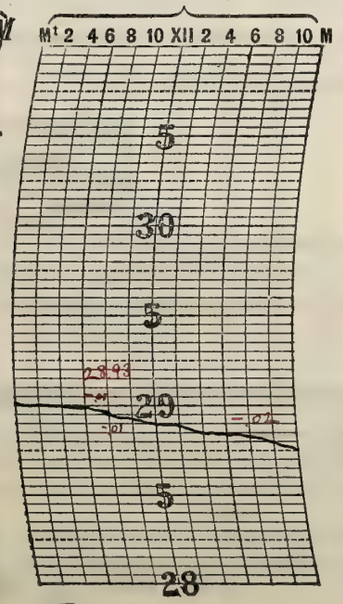
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.0 Wet temperature, 51.5
Dew-point, 40 R. humidity, 41 V. pressure, 247
Clouds: Amount, 5; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

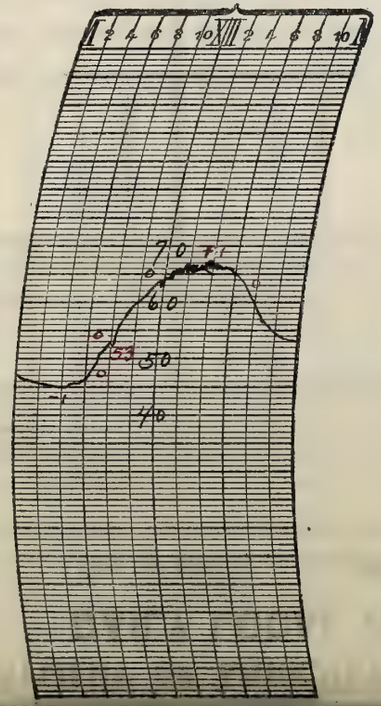
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear in the early morning with clouds in varying amounts during the rest of the day. Stars visible at night. Warm enough to be pleasant.

Prepared by O. E. R.
Verified by T. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 30 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	49	49	48	49	49	49	48	50	51	51	53	55	53	53	53	50	47	45	44	44	43
State of weather: Nature of precipitation and time of beginning and ending				RB ON	--	--	--	--	--	--	--	--	--	RE										
Amounts of precipitation				.01	.08	.18	.05	.01	.01	.01	T	.02	T	.01										
Cloudiness and other conditions					←						Cloudy								→					
Sunrise: Time, Character	4:40 Cloudy																							
Moonrise	3:21 a Cloudy																							
Sunset: Time, Character																					6:36 Cloudy			
Moonset																					3:33 p Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0.7	0.1	0	0	0	0					
Wind direction	NE	NE	E	NE	NE	NE	E	NE	NE	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	N	NW
Wind movement	8	7	8	10	6	4	5	7	7	9	6	7	12	12	15	12	12	12	13	10	10	12	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	43	49	

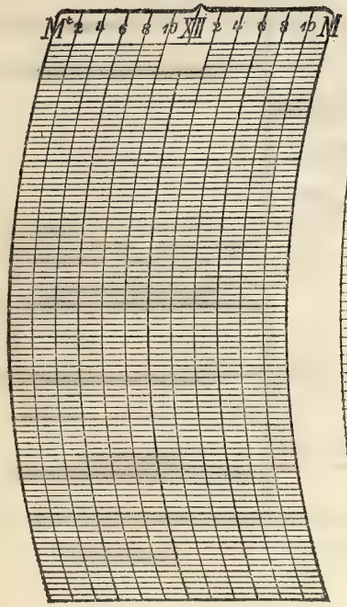
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .32 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .38 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.8 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 6
Prevailing wind direction, N Total wind 224
Average hourly velocity, 9.3 Extreme velocity, 21
Maximum velocity, 19 Direction, N
Time began, 2:16 p.m.
Reduced barometer, 29.54 7 a. m. 29.65 7 p. m.
River gage, 4.0 feet
Relative humidity, 93 7 a. m. 62 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

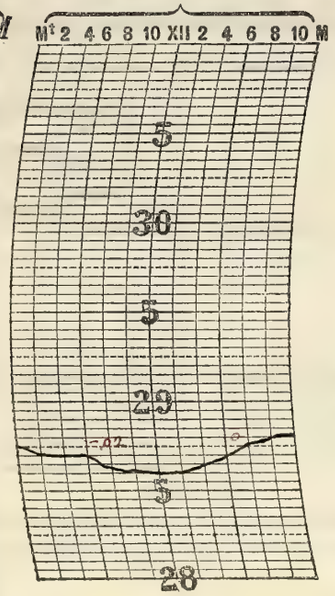
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.5 Wet temperature, 50.0
Dew-point, 48 R. humidity, 90 V. pressure, 334
Clouds: Amount, 10; Kind, Nb; Direction, N
Velocity of clouds (miles per hour)

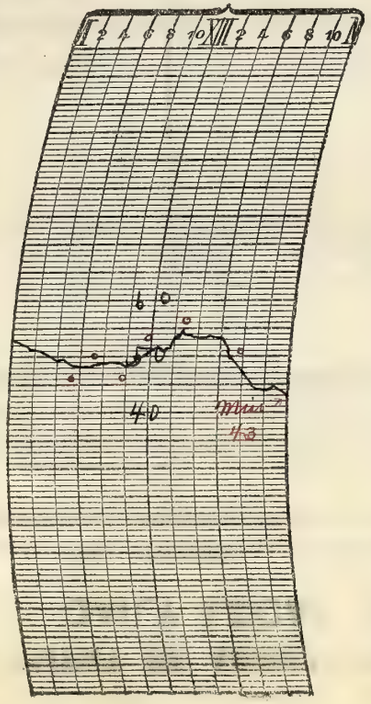
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Lower clouds prevailed until late afternoon. Clearing after nightfall; stars visible. The weather was uncomfortably cold.

Four p.m. special observation ordered by Chicago.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 1 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	40	39	38	37	38	40	44	45	47	49	51	52	54	55	56	55	55	54	51	50	49	48	47
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← clear					×		Pt cldy			×		clear			→			
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	1.0	1.0	0.8	1.0	0	0					
Wind direction	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	10	9	7	6	7	6	11	11	12	14	13	12	13	12	13	14	14	8	9	9	11	11	15	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:39 Character, Clear
Moonrise: 3:50 a Clear
Sunset: Time, 6:37 Character, Clear
Moonset: 4:31 p Clear

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

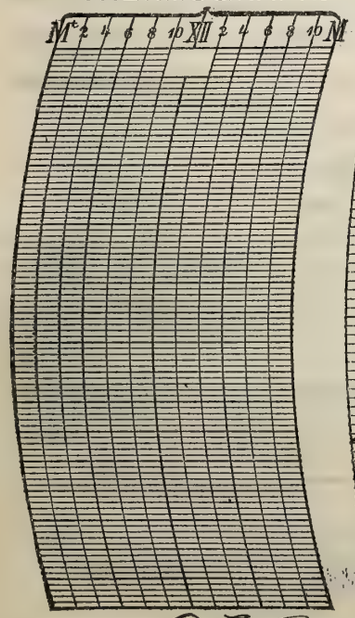
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	37	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.5 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 96
Prevailing wind direction, NW Total wind 259
Average hourly velocity, 10.8 Extreme velocity, 19
Maximum velocity, 17 Direction, NW
Time began, 9:48 a.m
Reduced barometer, 29.83 7 a. m. 29.83 7 p. m.
River gage, 4.8 feet.
Relative humidity, 62 7 a. m. 43 7 p. m.

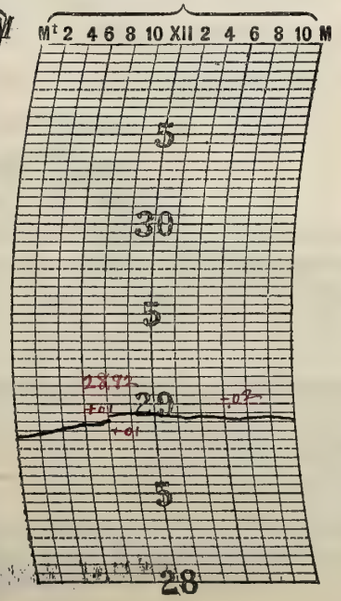
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.0 Wet temperature, 41.3
Dew-point, 30 R. humidity, 46 V. pressure, .164
Clouds: Amount, 4; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

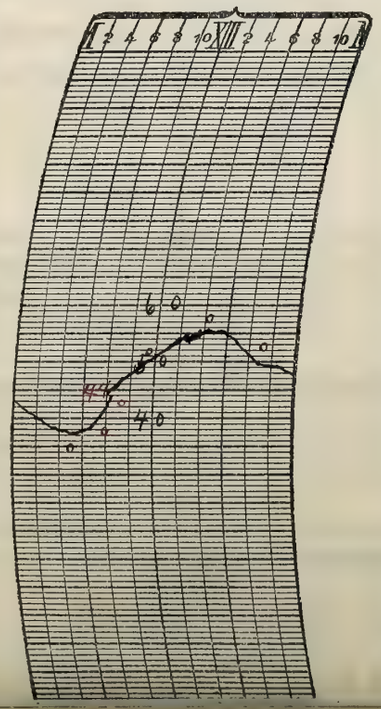
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear in the morning, partly cloudy during the middle of the day and clear again at night.
Rather cold for the season.

Prepared by O. E. R.
Verified by P. McDonough

8—488

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 2 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	47	46	45	46	49	53	56	60	61	62	63	65	66	66	65	64	62	59	57	56	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			clear				→			Pt cldy		←	clear			→			
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.4	0					
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	SW	W	W	W	W	W	W	W	W	W	SW	W	W	SW	SW
Wind movement	12	11	14	13	12	10	8	9	8	9	10	13	12	13	12	14	12	10	5	7	3	4	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:37 Character, Clear
Moonrise: 4:19a Clear

Sunset: Time, 6:38 Character, Cloudy
Moonset: 5:29p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

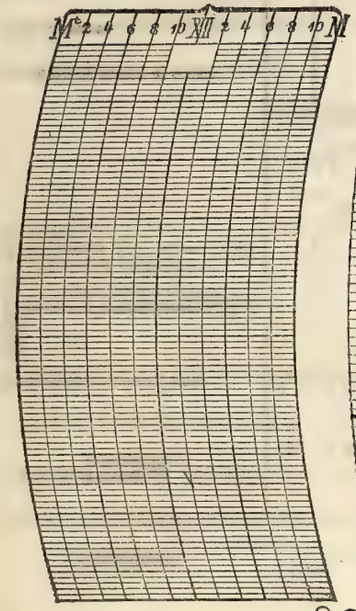
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.1 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 94
Prevailing wind direction, W Total wind 232
Average hourly velocity, 9.7 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 2:42 pm
Reduced barometer, 29.86 7 a. m. 29.85 7 p. m.
River gage, 4.4 feet
Relative humidity, 71 7 a. m. 38 7 p. m.

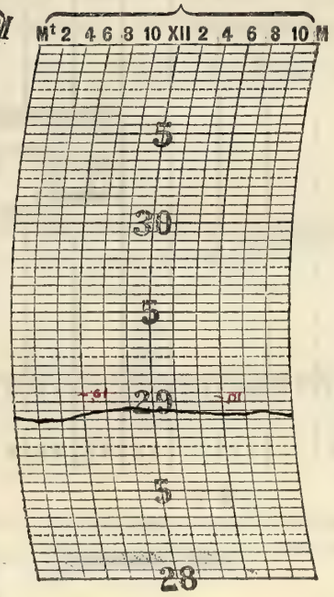
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.4 Wet temperature, 48.9
Dew-point, 35 R. humidity, 35 V. pressure, 303
Clouds: Amount, 2; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

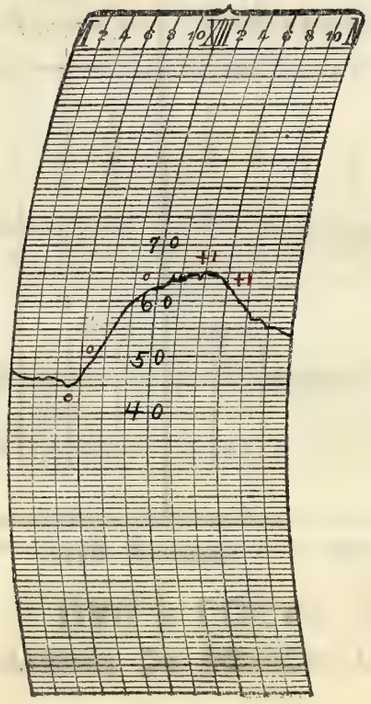
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was generally fair with moderate temperature.

Prepared by J. E. B.
Verified by C. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 3 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	51	49	48	48	49	51	54	59	62	58
State of weather: Nature of precipitation and time of beginning and ending			RB DN		RE DN							RB 11:04 RE 11:26
Amounts of precipitation			.03	.05	.01							.03
Cloudiness and other conditions						← Pt Cldy						Cloudy
Sunrise: Time, Character, 4:36 Cloudy												
Moonrise: 4:49a Cloudy												
Sunshine (in tenths of hours)					0	0	0.4	0.4	0.2	0.4	0.3	0.4
Wind direction	N	N	NW	N	N	SE	SE	S	S	SW	SW	SW
Wind movement	6	4	3	3	3	5	7	10	11	15	16	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	56	58	58	56	53	51	48	46	45	43	42
State of weather: Nature of precipitation and time of beginning and ending	RB 12:36 RE-RHB 12:45 RHB RB 12:55	RE 1:10										
Amounts of precipitation	.23	.01										
Cloudiness and other conditions					Pt Cldy			Clear				
Sunset: Time, Character, 6:39 Clear												
Moonset: 6:27p Clear												
Sunshine (in tenths of hours)	0.2	0.6	1.0	1.0	1.0	0.9 0.1	.65 0					
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	13	22	27	26	25	21	13	8	7	4	4	4
Maximum velocities (exceeding 29 miles) direction and time		34 NW 1:40	35 NW 2:51		30 NW 4:24							

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	42	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .09 ins.; to 7 p. m., .27 ins.
Total precipitation, midnight to midnight, .36 inches.
Character of day, Pt Cloudy Moon phase, New moon 5:00 p. m.
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.6 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 54
Prevailing wind direction, NW Total wind 272
Average hourly velocity, 11.3 Extreme velocity, 37
Maximum velocity, 35 Direction, NW
Time began, 2:51 P. M.
Reduced barometer, 29.76 7 a. m. 29.80 7 p. m.
River gage, 3.8 feet
Relative humidity, 80 7 a. m. 57 7 p. m.

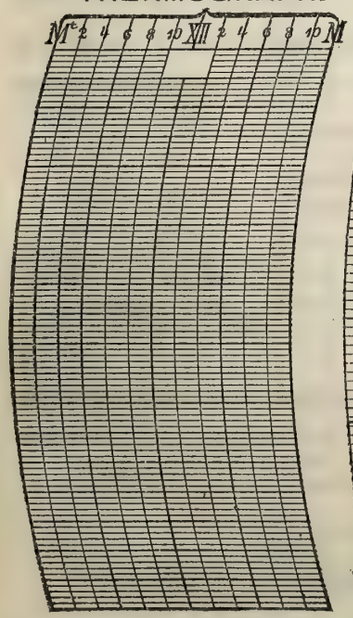
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.0 Wet temperature, 53.0
Dew-point, 49 R. humidity, 72 V. pressure, .347
Clouds: Amount, 6 2; Kind, Cu Cu Nb; Direction, W NW
Velocity of clouds (miles per hour)

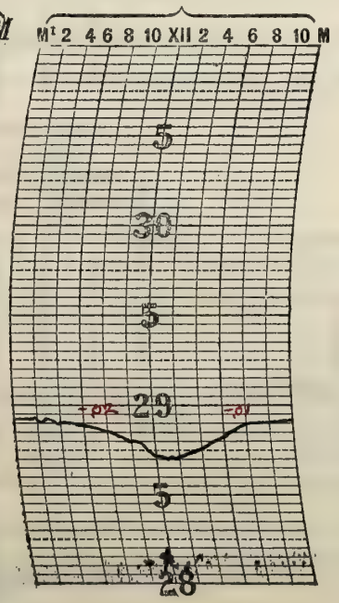
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

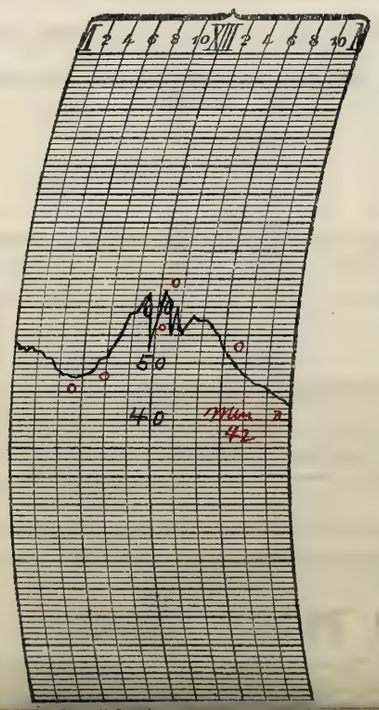
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was partly cloudy with rather low temperatures. The sky was very clear at night with stars visible near the horizon. Brisk winds during the afternoon. A thundershower from the northwest 10:45a to 1:10p. Light hail about the size of peas fell with the rain from 12:45p to 12:55p. From some parts of Allen County considerable hail was reported and it is thought that slight damage may have been caused to onion fields and to fruit trees.

Prepared by O.E.R.
Verified by P. McA. Dunnough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 4 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	42	41	42	42	41	42	47	51	53	55	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Partly cloudy					
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	W	SW	SW	SW	SW	SW	E	E	E	E	NE	NE
Wind movement	5	4	3	5	3	2	7	8	7	5	5	6

Sunrise: Time, 4:35; Character, Cloudy. Moonrise: 5:20a; Cloudy.

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	59	60	61	61	60	59	53	51	48	46	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)	1.0	0.9	1.0	1.0	1.0	0.8 0.2	0.5 0					
Wind direction	N	N	NW	NW	NW	NW	NW	NW	N	N	N	N
Wind movement	6	6	6	8	7	6	6	9	7	8	6	5

Sunset: Time, 6:40; Character, Cloudy. Moonset: 7:23p; Cloudy.

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

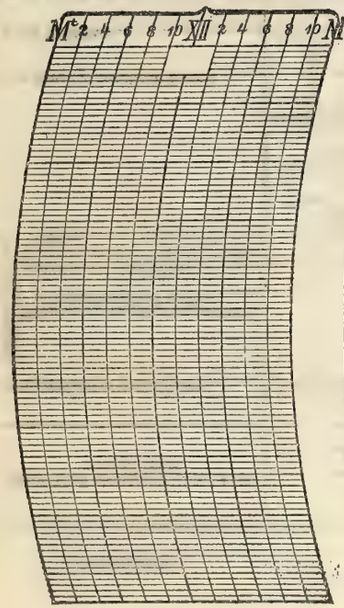
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	41	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.5 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 82
Prevailing wind direction, N-NW Total wind 140
Average hourly velocity, 5.8 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 4:29 p.m.
Reduced barometer, 29.92 7 a. m. 29.93 7, p. m.
River gage, 3.9 feet
Relative humidity, 69 7 a. m. 34 7 p. m.

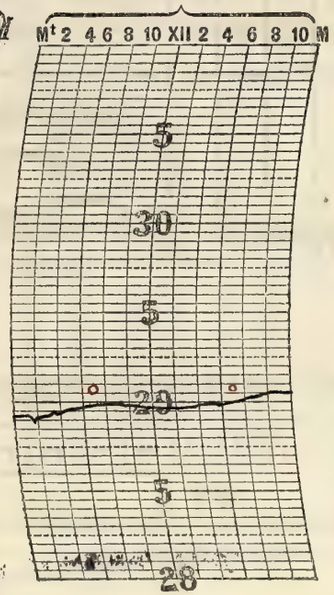
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 45.0
Dew-point, 31 R. humidity, 36 V. pressure, .122
Clouds: Amount, 1; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

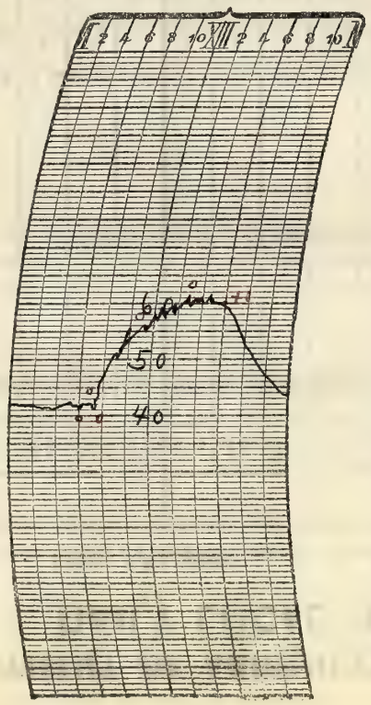
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cu clouds at a.m. observation were moving rapidly from the N.W.

Partly cloudy in the early morning and clear the rest of the day. Clear at night; stars visible. The temperature was low for the season.

Prepared by O.E.R.

Verified by C. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 5 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	43	43	42	42	44	45	51	56	60	62	65	68	71	73	74	73	72	70	66	65	64	64	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← clear	×	cldy	×	pt cldy	×	clear	×	pt cldy	×			clear						→
Sunshine (in tenths of hours)					4.5 0	1.0 0	0.2 0.3	0.4	0.3	0.8	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	6.8 0					
Wind direction	NE	NE	NE	NE	NE	NE	E	SE	N	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	5	4	3	5	3	3	3	3	3	4	5	9	11	10	13	15	16	14	11	8	11	11	13	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:33 Character, clear
Moonrise: 5:55a Cloudy
Sunset: Time, 6:41 Character, Clear
Moonset: 8:19p Clear

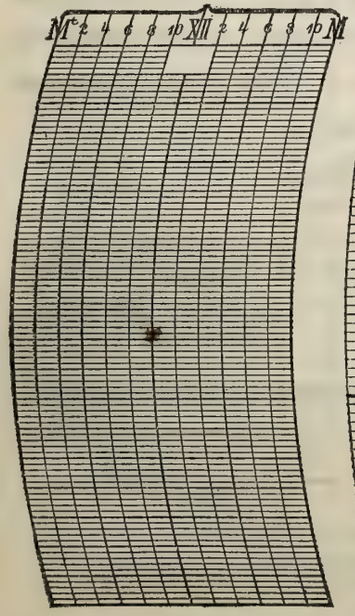
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	42	58	

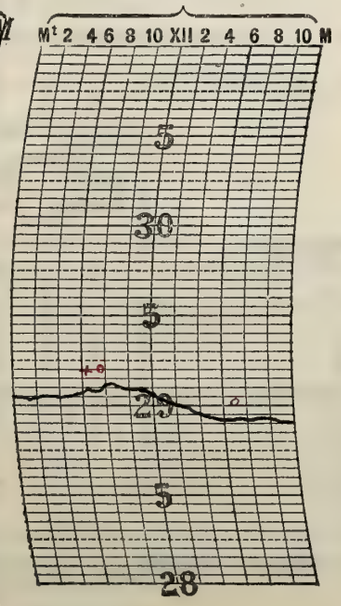
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.7 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 83
Prevailing wind direction, S Total wind 197
Average hourly velocity, 8.2 Extreme velocity, 21
Maximum velocity, 19 Direction, S
Time began, 4:34 p.m.
Reduced barometer, 30.03 7 a. m. 29.84 7 p. m.
River gage, 3.4 feet
Relative humidity, 53 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 65.0 Wet temperature, 54.0
Dew-point, 45 R. humidity, 48 V. pressure, 29.8
Clouds: Amount, 2; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

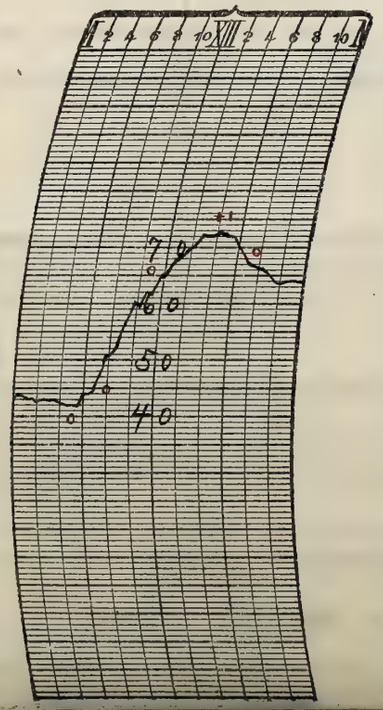
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The cloudiness varied considerably from time to time during the day. Stars and new moon visible.
The day was warm and pleasant.

Prepared by OER
Verified by O. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 6 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	60	60	59	61	64	71	73	77	80	81	82	80	80	73	71	63	59	54	52	51	50	49
State of weather: Nature of precipitation and time of beginning and ending																RB 3:45	RE 4:05							
Amounts of precipitation																.01	T							
Cloudiness and other conditions						← Pt Cldy							Clear				Pt Cldy			Clear →				

Sunrise: Time, 4:32 Character, Cloudy
Moonrise: 6:33a Cloudy

Sunset: Time, 6:42 Character, Cloudy
Moonset: 9:12p Clear

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8	0.2	0	0.5 0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	NW	E	E	E	E	E	E	E
Wind movement	11	10	8	7	9	9	9	9	10	8	10	10	12	11	10	9	7	11	13	15	12	8	9	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

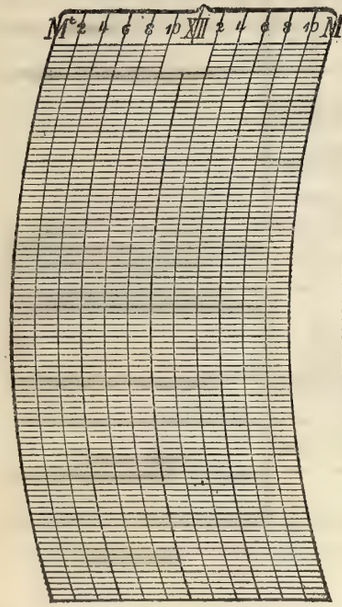
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	49	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.5 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 60
Prevailing wind direction, SW Total wind 238
Average hourly velocity, 9.9 Extreme velocity, 19
Maximum velocity, 18 Direction, E
Time began, 7:35 p. m.
Reduced barometer, 29.89 7 a. m. 29.86 7, p. m.
River gage, 3.1 feet
Relative humidity, 64 7 a. m. 73 7 p. m.

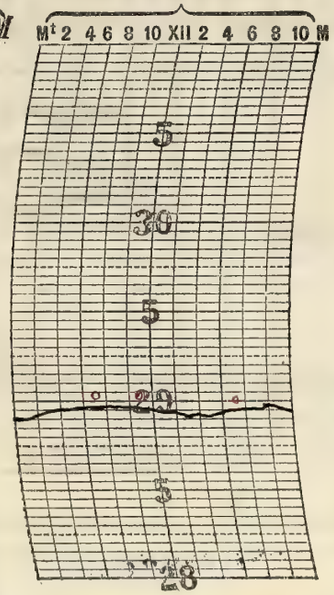
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.0 Wet temperature, 63.0
Dew-point, 52 R. humidity, 36 V. pressure, .382
Clouds: Amount, 1; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

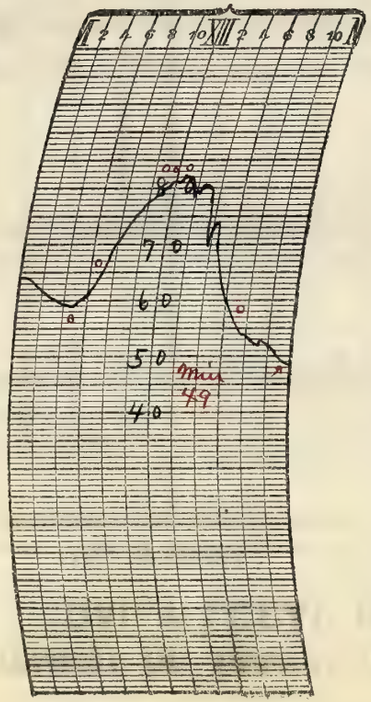
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by O.E.R.
Verified by J. McDonough

8—486

NOTES.

Chicago ordered noon (75th m.T) special observation.

The amount of cloudiness varied considerably at different times during the day. Clear at night; moon and stars visible. The reflection from distant lightning flashes observed to the northeast about 10 p. m.

The day was quite warm; the sun being especially hot about noon. The maximum temperature, 83°, is the highest for the year to date. A short drop in temperature came with the small shower in the afternoon.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 7 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	48	48	48	50	55	60	65	70	75
State of weather: Nature of precipitation and time of beginning and ending		RB+E DN										
Amounts of precipitation		.05										
Cloudiness and other conditions					← Pt cldy						cloudy →	
Wind direction	E	NE	NE	E	NE	E	SE	SE	SE	SE	S	S
Wind movement	8	8	7	6	7	9	7	6	4	5	2	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	74	65	59	68	68	64	63	63	62	60	60
State of weather: Nature of precipitation and time of beginning and ending		RB 1:40	RE 2:05 RB 2:21	RE 3:45					RB 8:20	RE 9:15		
Amounts of precipitation		T	.11	.26					.03	T		
Cloudiness and other conditions	Pt cloudy		cloudy	cloudy		Pt cloudy			cloudy →			
Wind direction	SW	NW	E	NE	NW	N	E	E	SE	E	E	SE
Wind movement	5	4	7	7	4	4	6	4	8	5	7	5

Sunrise: Time, 4:31 Character, Cloudy
Moonrise: 7:15a Cloudy

Sunset: Time, 6:43 Character, Cloudy
Moonset: 10:02p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0.2	0.8	0.5	1.0	1.0	1.0	1.0	0.6	0.1	0.1	0.5	0.3	0					
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	2:21p.	3:45p.	.37	2:59p	3:04p	.03	.27													

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

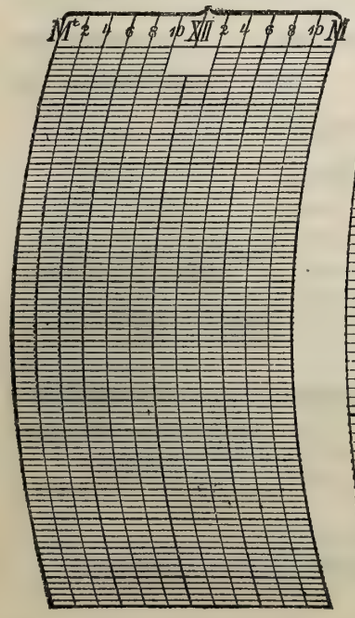
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	47	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .37 ins.
Total precipitation, midnight to midnight, .45 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.1 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 50
Prevailing wind direction, E Total wind 138
Average hourly velocity, 5.8 Extreme velocity, 32
Maximum velocity, 26 Direction, SW
Time began, 2:55 p.m.
Reduced barometer, 29.83 7 a. m. 29.70 7 p. m.
River gage, 3.1 feet
Relative humidity, 86 7 a. m. 87 7 p. m.

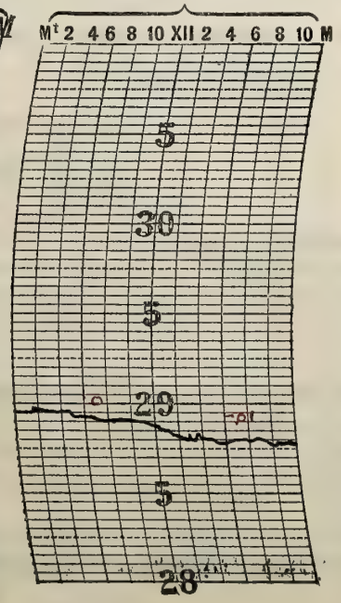
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 62.8
Dew-point, 56 R. humidity, 51 V. pressure, .448
Clouds: Amount, 1; Kind, a cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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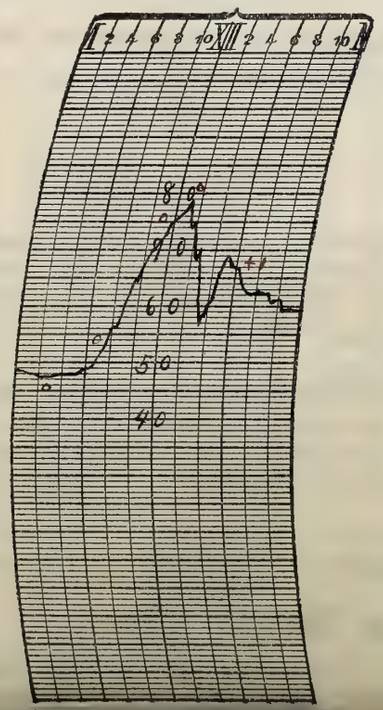


NOTES.

13 B+E During night a. m.
13 B 1:44 pm to 3:45 p.m.

The day was partly cloudy with showers and thunderstorms. Excessive rain with severe lightning occured about 3 p.m. The heaviest part of the storm appeared to pass over the north part of the city. Buildings in different sections of the city were struck by lightning. Telephones and Electrical power lines were put out of commission for a time and considerable damage caused.

Prepared by OER
Verified by P. M. Dunnough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 8 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	55	55	54	51	49	48	48	49	49
Nature of precipitation and time of beginning and ending								RB 7:10				
Amounts of precipitation								T	.08	.08	.02	.01
Cloudiness and other conditions								Lt. Fog				Cloudy
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	NW	NW	NW	NW	NW	NW
Wind movement	10	4	3	5	4	4	8	8	8	9	9	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	51	50	50	50	50	50	50	50	49	49
Nature of precipitation and time of beginning and ending									RE DN			
Amounts of precipitation	T	T	T	.05	.07	.07	.01	T	T			
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W
Wind movement	11	12	9	10	10	9	9	9	8	8	7	9

State of weather.

Sunrise: Time, 4:30 Character, Cloudy
Moonrise: 8:01a Cloudy

Sunset: Time, 6:44 Character, Cloudy
Moonset: 10:50p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

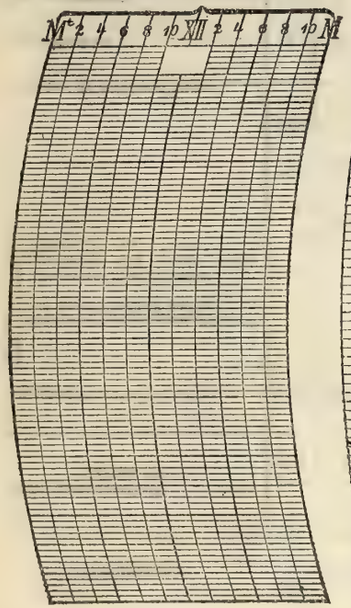
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	48	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., .39 ins.
Total precipitation, midnight to midnight, .39 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind 194
Average hourly velocity, 8.1 Extreme velocity, 15
Maximum velocity, 14 Direction, W
Time began, 10:52 pm.
Reduced barometer, 29.60 7 a. m. 29.66 7, p. m.
River gage, 4.1 feet
Relative humidity, 95 7 a. m. 93 7 p. m.

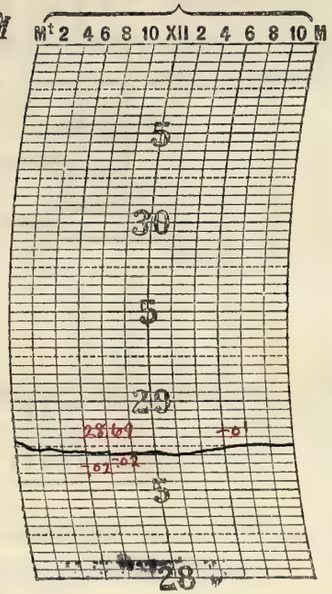
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.0 Wet temperature, 48.1
Dew-point, 47 R. humidity, 94 V. pressure, .322
Clouds: Amount, 10; Kind, Nb; Direction NW
Velocity of clouds (miles per hour)

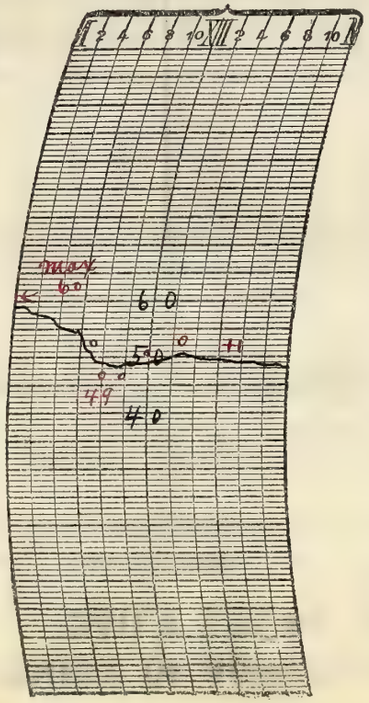
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light Fog from 6:30 am to 10:00 am

Cloudy the entire day and into the night. A steady rain fell from 7:10 am till about eight thirty p.m. altho it was rather light for a period about one p.m.
The temperatures were low for the season and the day was cold and disagreeable.

Prepared by O.E.R.
Verified by C. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 9 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	47	46	46	45	46	48	49	51	51	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												Cloudy
Sunrise: Time, Character	4:29 Cloudy											
Moonrise:	8:51a Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.1	0	0	0
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	8	9	9	11	12	10	10	11	11	13	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	54	55	54	53	49	49	49	48	48	47	47
Nature of precipitation and time of beginning and ending		RB 1:30 RE 1:35		RB 3:40	- -	- -	RE 6:10					
Amounts of precipitation		T		T	T	.06	T					
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character									6:45 Cloudy			
Moonset:									11:34p Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	S	W	W	SE	SE	SE	SE	SE
Wind movement	12	10	9	10	9	6	2	3	6	6	4	5

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

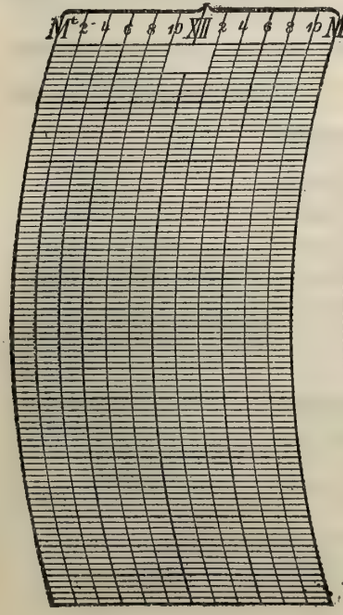
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	45	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 1
Prevailing wind direction, SW Total wind 206
Average hourly velocity, 8.6 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 9:54 a.m.
Reduced barometer, 29.75 7 a. m. 29.93 7 p. m.
River gage, 5.8 feet.
Relative humidity, 88 7 a. m. 85 7 p. m.

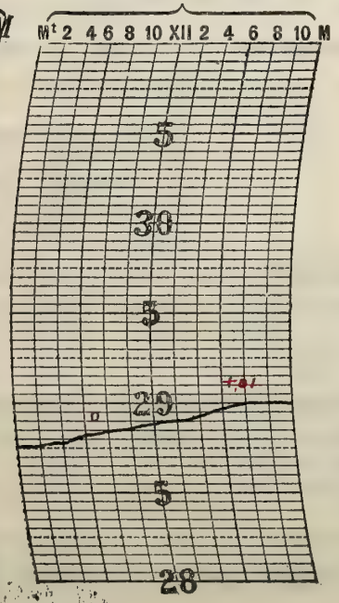
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.6 Wet temperature, 46.1
Dew-point, 41 R. humidity, 66 V. pressure, .256
Clouds: Amount, 10; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

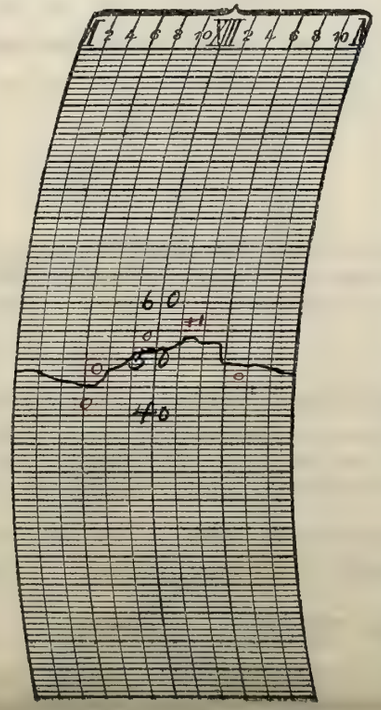
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy all day with showers in the afternoon. Moon and stars visible through rifts in the clouds during the early part of the night with the sky almost clear at 10 p.m.

The day was uncomfortably cold.

Prepared by OGR

Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 10 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	46	46	46	45	45	46	46	48	52	53	55
State of weather: Nature of precipitation and time of beginning and ending			RB 2:20	- -	- -	- -	RE 6:30	RB 7:15	RE 8:20			
Amounts of precipitation			.01	.04	.04	.01 Lt	T Fog	T	.01			
Cloudiness and other conditions												Cloudy
Sunrise: Time, Character, 4:28 Cloudy												
Moonrise: 9:46a Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.2	0.6	0.9	0.8
Wind direction	S	S	S	S	SE	SE	SE	SW	SW	W	S	S
Wind movement	8	8	7	5	4	4	4	8	5	3	6	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	57	58	57	56	55	55	52	51	51	50	48
State of weather: Nature of precipitation and time of beginning and ending								RB 7:12	- -	—	-	R Cont'd
Amounts of precipitation								T	T	.02	.06	.04
Cloudiness and other conditions												
Sunset: Time, Character, 6:46 Cloudy												
Moonset: — —												
Sunshine (in tenths of hours)	0.3	0	0.3	0	0	0	0					
Wind direction	SE	SE	SE	E	NE	NE	NE	S	SW	SW	NE	NE
Wind movement	5	5	4	7	10	11	8	5	3	3	5	9

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	45	52	

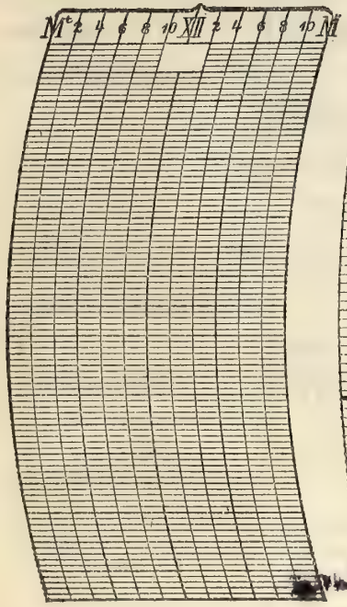
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .10 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .23 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.1 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 22
Prevailing wind direction, S Total wind 143
Average hourly velocity, 6.0 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 4.41 p.m
Reduced barometer, 29.99 7 a. m. 29.98 7, p. m.
River gage, 6.0 feet
Relative humidity, 95 7 a. m. 72 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

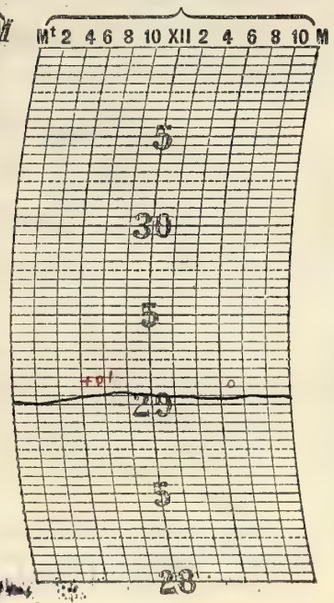
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.3 Wet temperature, 47.3
Dew-point, 38 R. humidity, 50 V. pressure, .228
Clouds: Amount, 9; Kind, Cu; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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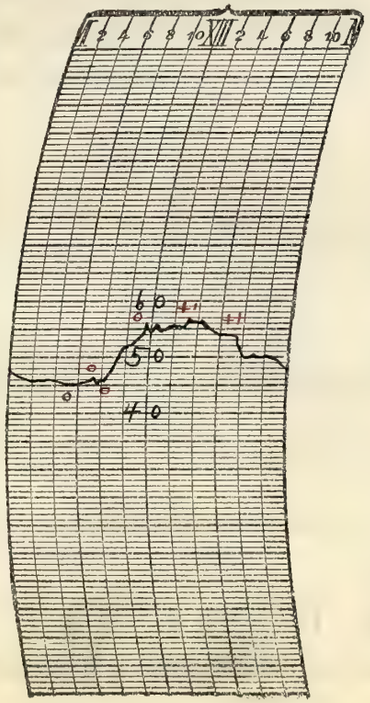


NOTES.

Light Fog began during night a.m. and continued to 7:30 am

The day was cloudy with a light rain in the early morning and another rain during the night p.m which continued past midnight.

The weather was still cool for the season but not quite so cold as the two preceding days.

Prepared by J.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 11 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	47	46	46	48	50	51	52	54	56	57
State of weather: Nature of precipitation and time of beginning and ending	R Cont'd	- -	- -	RE DN								
Amounts of precipitation	.12	.05	.07	T								
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, Character,	4:27 Cloudy											
Moonrise:	10:44a Cloudy											
Sunshine (in tenths of hours)					0	0	0.2	0.6	0.4	0.4	0.2	0.2
Wind direction	NE	NE	NE	NE	E	E	E	E	NE	NE	NE	NE
Wind movement	10	10	9	9	6	5	3	4	6	9	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	58	61	60	57	57	56	56	55	53	51
State of weather: Nature of precipitation and time of beginning and ending			RB 2:33 RE 2:58		RB 4:45	RE 5:10	RB 6:02	RE 7:05				
Amounts of precipitation			T		T	T	T	T				
Cloudiness and other conditions	← Cloudy											
Sunset: Time, Character,									6:47 Cloudy			
Moonset:									12:15a Cloudy			
Sunshine (in tenths of hours)	0.8	0.4	0.1	0.6	0.1	0	0					
Wind direction	NE	NE	NE	NE	N	NE	N	N	N	N	NW	N
Wind movement	10	9	9	5	11	7	4	7	9	7	9	11

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

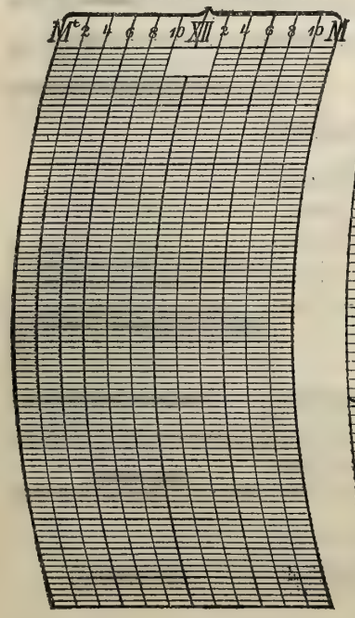
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	46	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .36 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .24 inches.
Character of day, Cloudy Moon phase, First Quarter 8:14 p.m.
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.0 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 28
Prevailing wind direction, NE Total wind 187
Average hourly velocity, 7.8 Extreme velocity, 19
Maximum velocity, 18 Direction, N
Time began, 4:45 p. m.
Reduced barometer, 29.99 7 a. m. 29.96 7 p. m.
River gage, 6.4 feet
Relative humidity, 85 7 a. m. 80 7 p. m.

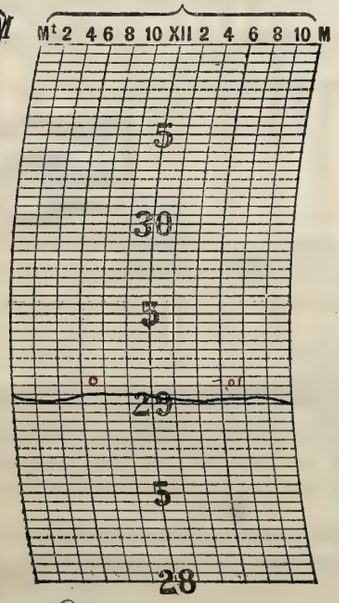
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 50.6
Dew-point, 45 R. humidity, 64 V. pressure, .298
Clouds: Amount, 8; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

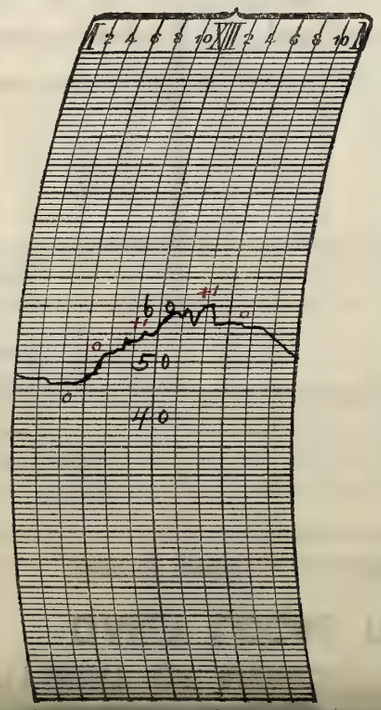
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The moderate rain which continued from the previous date ended in the early morning. The day was cloudy with light showers in the afternoon. The sky cleared about 8 p.m. Moon and stars bright. The temperatures were moderate.

At the morning observation alto-cumulus clouds were moving from the east. The clouds were a good example of their type and the movement fairly rapid.

Prepared by O.G.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 12 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	48	48	48	50	55	58	60	61	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunshine (in tenths of hours)					.57 0	1.0 0	.05 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	8	9	7	9	9	9	11	12	14	13	13

Sunrise: Time, 4:26 Character, Clear
Moonrise: 11:45a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	66	67	66	65	65	64	62	58	57	57	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	XPt	Cldy	X	Cloudy			X	Clear		→		
Sunshine (in tenths of hours)	0.8	1.0	1.0	0.4	0	0.8 0	0.3 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	SW	SW
Wind movement	13	12	11	11	7	5	4	4	4	5	7	6

Sunset: Time, 6:49 Character, Cloudy
Moonset: 12:52a Clear?

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

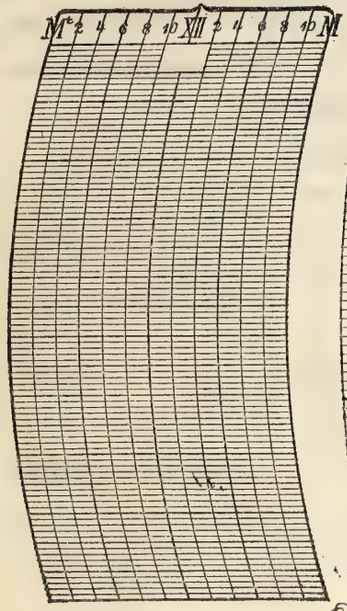
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	47	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.9 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 8.3
Prevailing wind direction, NW Total wind 211
Average hourly velocity, 8.8 Extreme velocity, 17
Maximum velocity, 16 Direction, NW
Time began, 10:32 am.
Reduced barometer, 29.93 7 a. m. 29.82 7 p. m.
River gage, 8.7 feet
Relative humidity, 76 7 a. m. 48 7 p. m.

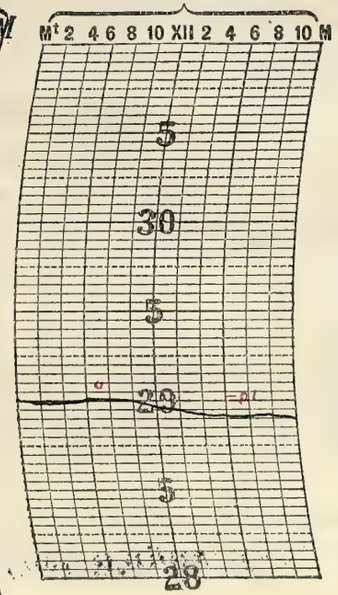
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.0 Wet temperature, 52.0
Dew-point, 42 R. humidity, 47 V. pressure, .266
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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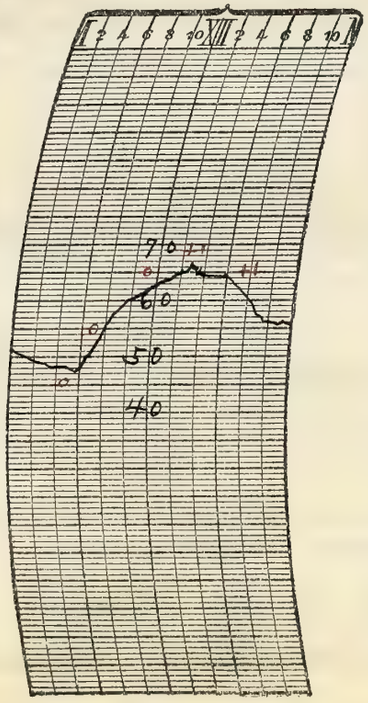


NOTES.

The sky was clear in the forenoon with clouds increasing in afternoon. After 5 p.m. the sky cleared rapidly. Clear at night with moonlight.
Temperatures moderate

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 13 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	55	54	54	56	61	57	58	57	61
Nature of precipitation and time of beginning and ending									RB 845	– –	– –	RE 11:15
Amounts of precipitation									T	.01	.01	T
Cloudiness and other conditions					←	Pt cldy	X	Cldy			X	Pt cldy
Sunrise: Time, Character, 4:25 Cloudy												
Moonrise: 12.49p Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.3	0	0	0	0.3
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	7	7	7	7	7	7	9	12	13	9	7	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	65	65	62	60	57	53	51	49	47	45
Nature of precipitation and time of beginning and ending		RB 1:20	RE 2:02									
Amounts of precipitation		.06	T									
Cloudiness and other conditions	Cldy	X	Cldy	X	Pt cldy	X	Cldy	X	Clear →			
Sunset: Time, Character, 6:50 Cloudy												
Moonset: 1:27a Cloudy												
Sunshine (in tenths of hours)	0.7	0.2	0.7	0.9	0.5	0	0					
Wind direction	S	SW	W	SW	W	W	NW	NW	NW	W	W	W
Wind movement	16	10	11	18	16	12	13	13	10	8	8	9

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	45	56	

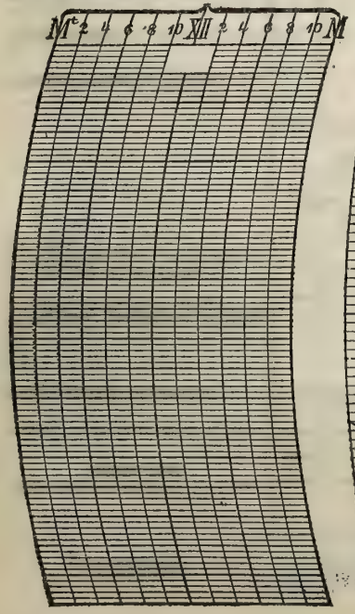
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.6 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 25
Prevailing wind direction, SW Total wind 247
Average hourly velocity, 10.3 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 2:57 p.m.
Reduced barometer, 29.74 7 a. m. 29.71 7, p. m.
River gage, 6.8 feet
Relative humidity, 67 7 a. m. 66 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

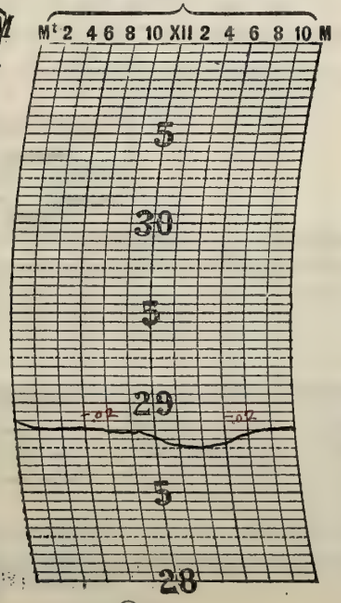
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.9 Wet temperature, 52.9
Dew-point, 48 R. humidity, 68 V. pressure, 3.34
Clouds: Amount, 6; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

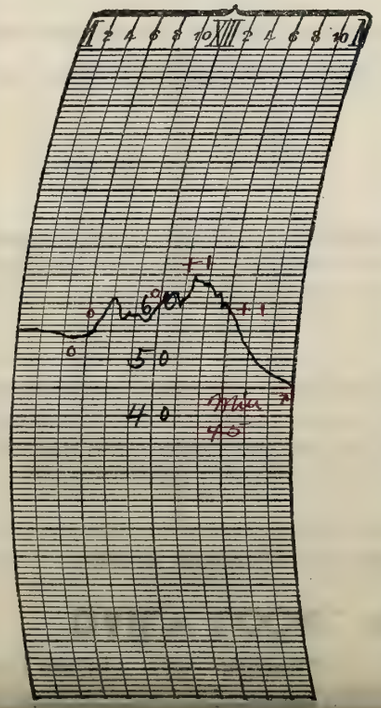
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally cloudy with a light rain in the forenoon and a thundershower in the afternoon. Rain 1:45p to 2:02pm. Clear at night with moonlight. The temperatures in the early morning were moderate but there was considerable variation during the day. Rather chilly in the evening.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 14 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	43	42	42	43	44	45	47	48	49	48
State of weather: Nature of precipitation and time of beginning and ending											RB 10:05 RE 10:35	RB 11:25
Amounts of precipitation											T	T
Cloudiness and other conditions					← clear							
Sunrise: Time, Character	4:24 Cloudy											
Moonrise	1:35 p Cloudy											
Sunshine (in tenths of hours)					0	0	0.2	0.1	0	0.1	0.2	0
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	N	NW
Wind movement	5	5	4	4	2	3	6	5	4	5	6	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	45	48	48	47	47	47	46	45	46	46
State of weather: Nature of precipitation and time of beginning and ending			RE 2:20	RB 3:05 RE 3:20								
Amounts of precipitation	T	T	T	T								
Cloudiness and other conditions					Cloudy →							
Sunset: Time, Character									6:51 Cloudy			
Moonset									2:01 a Cloudy?			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NW	NW	NW	NW	NW	W	W	W	W	SW	SW	SW
Wind movement	8	10	9	10	10	11	10	8	6	8	8	6

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

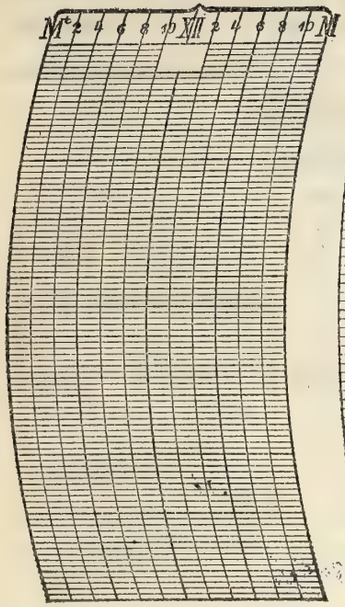
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	42	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0.6 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 4
Prevailing wind direction, W-NW Total wind 161
Average hourly velocity, 6.7 Extreme velocity, 15
Maximum velocity, 14 Direction, W
Time began, 5:47 p.m.
Reduced barometer, 29.80 7 a. m. 29.88 7, p. m.
River gage, 5.4 feet
Relative humidity, 76 7 a. m. 75 7 p. m.

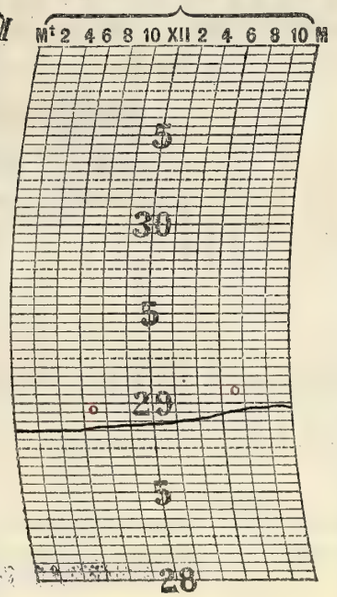
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.3 Wet temperature, 43.5
Dew-point, 38 R. humidity, 68 V. pressure, 228
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

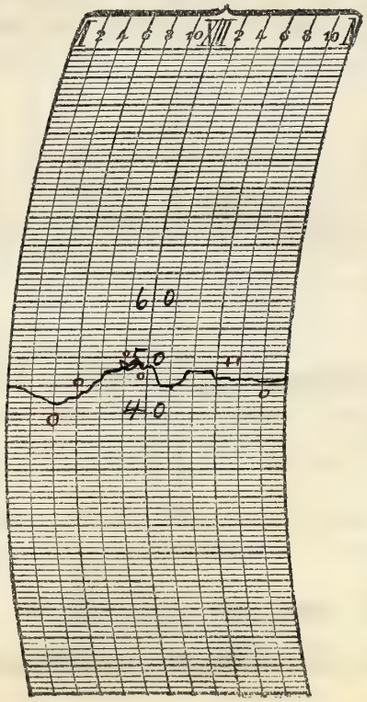
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was clear for a while in the morning but the clouds increased after the morning observation and it continued cloudy the rest of the day and into the night. The sky was still overcast near midnight. Light showers occurred during the middle of the day. There was little range in temperature for the 24 hours. The day was cold and very disagreeable.

Prepared by O.E.R.
Verified by P. McDonough

8—466

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 15 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	46	46	46	47	48	49	51	52	53	54	55	58	59	58	58	57	55	54	53	52	51
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													← Cloudy →								← clear →			
Sunrise: Time, Character, 4:23 Cloudy																								
Moonrise: 3:05 p Cloudy																								
Sunset: Time, Character, 6:52 Cloudy																								
Moonset: 2:34 a Cloudy																								
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0.6	0.1	0.1	0	0					
Wind direction	W	W	W	W	NW	SW	SW	SW	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	O
Wind movement	7	8	6	6	6	9	8	9	10	10	9	9	8	6	5	7	6	5	4	2	1	2	2	0
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

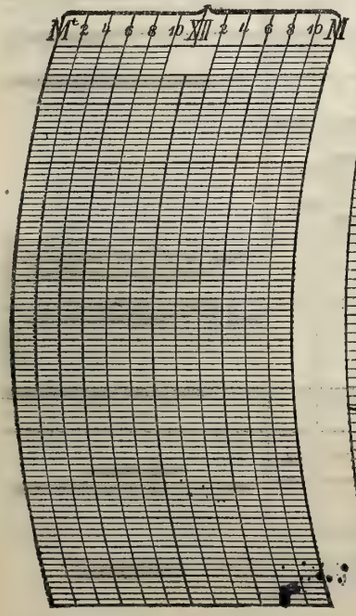
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	46	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.8 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 6
Prevailing wind direction, W Total wind 145
Average hourly velocity, 6.0 Extreme velocity, 16
Maximum velocity, 14 Direction, SW
Time began, 9:30 a. m.
Reduced barometer, 29.96 7 a. m. 29.95 7 p. m.
River gage, 4.8 feet
Relative humidity, 87 7 a. m. 66 7 p. m.

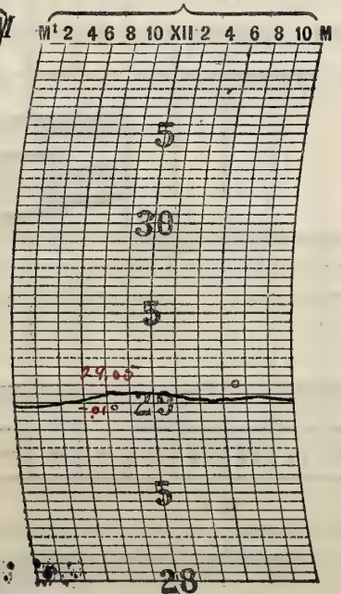
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.0 Wet temperature, 48.4
Dew-point, 44 R. humidity, 72 V. pressure, .287
Clouds: Amount, 10; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

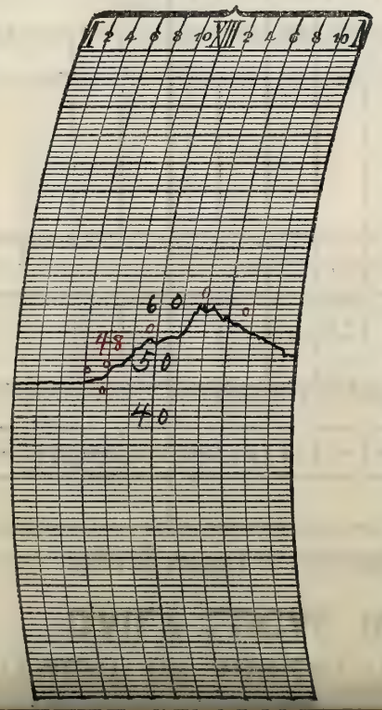
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was cloudy all day until about 6 p.m. after which it cleared rapidly. Bright moonlight.

The day was not quite as cold as the previous date.

Prepared by O.E.R.

Verified by F. M. McDonough.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 16 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	47	46	46	46	48	53	57	61	62	64	66	67	67	67	66	65	63	60	58	57	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Pt cldy	×	—	Clear	×	—	Pt cldy	×	—	Clear	→							
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	0.8	1.0	0.9	1.0	1.0	1.0	0.7	0.8 0	.87 0					
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	W	SW	W	SW	SW	SW	SW	SW	S	S	SW	SW
Wind movement	2	2	1	1	2	4	2	4	6	6	9	8	8	9	9	10	11	13	9	9	10	10	10	10

Sunrise: Time, 4:22 Character, Cloudy
Moonrise: 4:17 p Clear

Sunset: Time, 6:52 Character, Clear
Moonset: 3:10 a Clear?

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

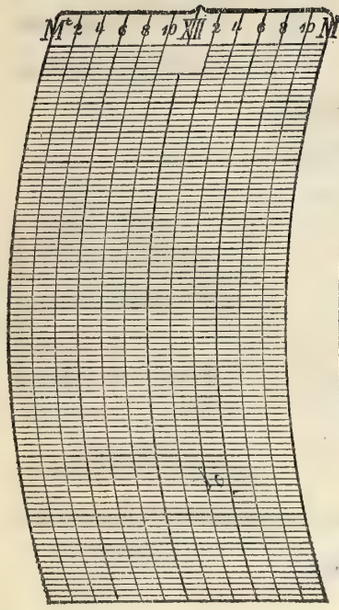
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	46	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.9 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 75
Prevailing wind direction, W Total wind 165
Average hourly velocity, 6.9 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 5:32 p.m
Reduced barometer, 29.95 7 a. m. 29.83 7 p. m.
River gage, 4.4 feet
Relative humidity, 87 7 a. m. 45 7 p. m.

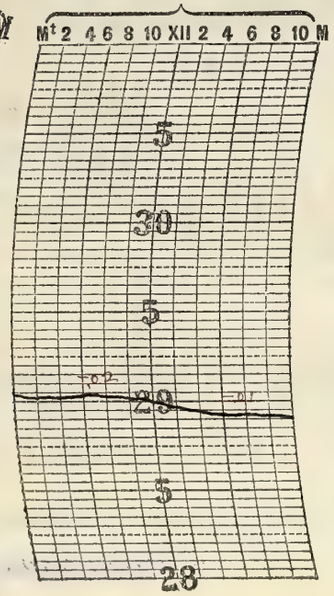
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.4 Wet temperature, 51.3
Dew-point, 38 R. humidity, 36 V. pressure, 228
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

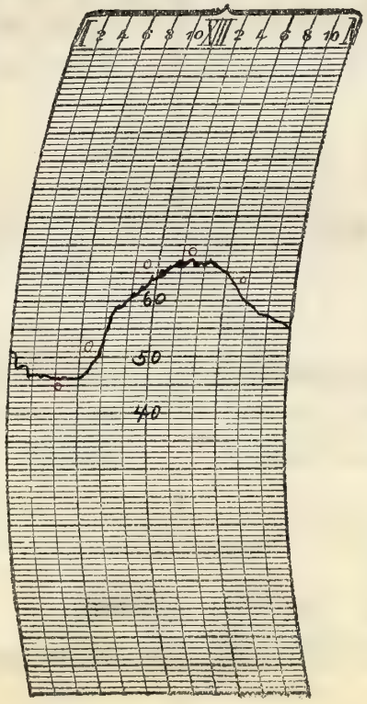
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The cloudiness varied during the day but it was generally clear. Clear at night with bright moonlight. Moderate temperatures. A Lunar Corona was observed about 9:15 p.m as clouds of a cu formation moved over rapidly from the west.

Prepared by OER

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 17 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	54	53	53	53	55	58	60	62	67	70	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunshine (in tenths of hours)					.65 0	1.0 0	.05 0	0	0.3	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	11	9	11	13	14	15	18	18	20	23	26
Maximum velocities (exceeding 29 miles) direction and time												32 SW 11:30

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	72	73	73	72	71	70	68	67	67	66	62
State of weather: Nature of precipitation and time of beginning and ending												RB 11:20 Contd
Amounts of precipitation												.01
Cloudiness and other conditions	×		Pt Cldy			×	Clear		→			
Sunshine (in tenths of hours)	1.0	0.6	0.8	0	0.2	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	28	26	28	27	24	21	21	22	20	24	25	27
Maximum velocities (exceeding 29 miles) direction and time	36 SW 12:55	32 SW 1:27	32 SW 2:21	31 SW 3:04						30 SW 9:29		31 SW 11:46

Sunrise: Time, 4:21 Character, Clear
Moonrise: 5:31p Cloudy
Sunset: Time, 6:53 Character, Cloudy
Moonset: 3:46a Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10), 4
Actual sunshine, hours, 8.0 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 55
Prevailing wind direction, SW Total wind 480
Average hourly velocity, 20.0 Extreme velocity, 42
Maximum velocity, 36 Direction, SW
Time began, 12:55 p m
Reduced barometer, 29.767 a. m. 29.587 p. m.
River gage, 4.0 feet
Relative humidity, 64 7 a. m. 46 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

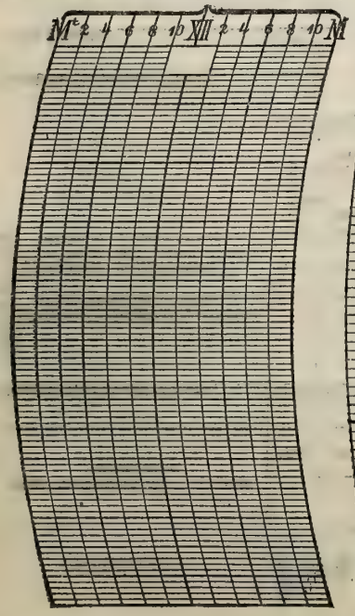
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.5 Wet temperature, 58.5
Dew-point, 48 R. humidity, 42 V. pressure, .334
Clouds: Amount, Few; Kind, Ci St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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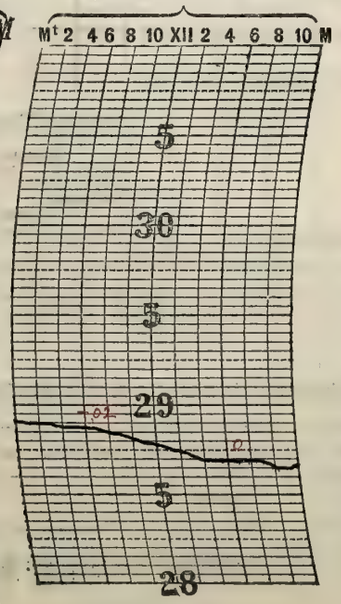

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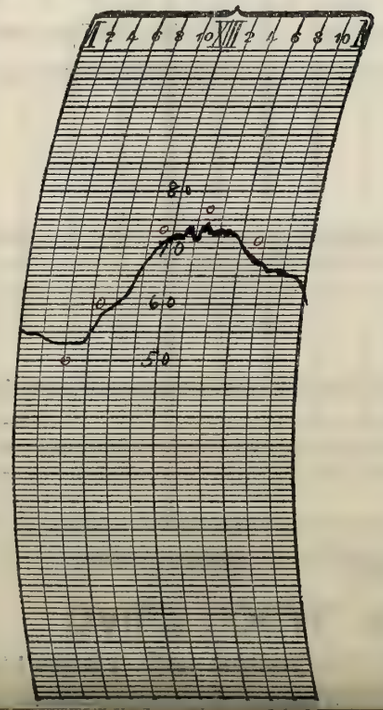


NOTES.

A partly cloudy day with mild temperatures and a strong southwest wind. Rain began a while before midnight p. m.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 18 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	53	54	54	54	54	55	56	57	55	57	59
State of weather: Nature of precipitation and time of beginning and ending	R Contd	-	-	-	-	-	RE 5:30			RB 9:05 RE 9:22		
Amounts of precipitation	.07	.08	.01	.01	.02	T				.01		
Cloudiness and other conditions	← Cloudy										X	Pt
Sunrise: Time, Character,	4:20 Cloudy											
Moonrise:	6:45p Clear											
Sunshine (in tenths of hours)					0	0	0	0	0	0.5	0.4	0.9
Wind direction	SW	N	NW	SW	SW	W	W	W	W	W	NW	NW
Wind movement	14	12	3	9	15	11	11	12	14	23	22	27
Maximum velocities (exceeding 29 miles) direction and time										30 W 9:01		31 W 11:09

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	61	56	58	58	57	54	52	51	50	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy X	Cloudy	X			Clear		→				
Sunset: Time, Character,									6:54 Clear			
Moonset:									4:28a Cloudy			
Sunshine (in tenths of hours)	0.8	0.9	0.6	0	0.9	1.0 0	.90 0					
Wind direction	NW	NW	NW	NW	NW	NW	W	W	SW	SW	SW	W
Wind movement	22	20	20	18	17	12	7	4	6	6	5	3
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	48	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .20 inches.
Character of day, Pt Cldy Moon phase, Full moon 3:52 pm
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.9 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 47
Prevailing wind direction, NW Total wind 313
Average hourly velocity, 13.0 Extreme velocity, 38
Maximum velocity, 31 Direction, W
Time began, 11:09 a.m.
Reduced barometer, 29.56 7 a. m. 29.92 7 p. m.
River gage, 4.0 feet
Relative humidity, 94 7 a. m. 44 7 p. m.

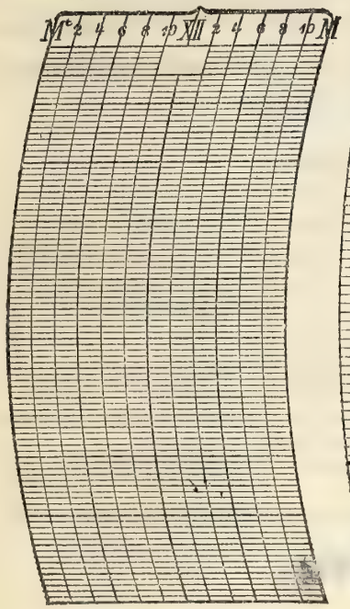
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

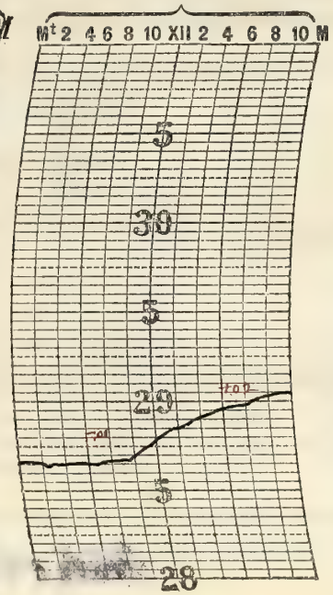
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.7 Wet temperature, 48.5
Dew-point, 38 R. humidity, 47 V. pressure, 228
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

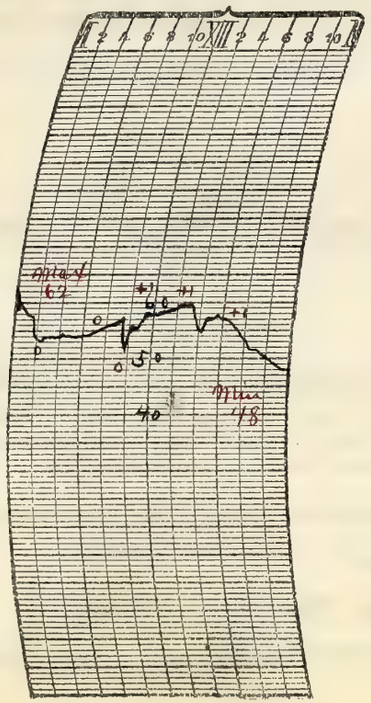
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Unsettled during the morning with rain and a shower. The sky cleared rapidly about 4 p. m. Bright moonlight from the Full Moon. The temperatures were cold for the season. Strong northwest wind during the middle of the day.

Prepared by O.E.R.
Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 19 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	47	46	46	46	47	48	49	49	46	46	49
State of weather. Nature of precipitation and time of beginning and ending				RB DN	RE DN					RB 9:00 RE 945		
Amounts of precipitation				T	T					.02		
Cloudiness and other conditions					←			Cloudy			× Pt cldy	

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	57	59	61	60	59	58	57	55	52	49	46
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Pt cldy					Cloudy		× Pt cldy		× Clear		

Sunrise: Time, 4:19 Character, Cloudy
Moonrise: 7:57 p Clear
Sunset: Time, 6:55 Character, Cloudy
Moonset: 5:14 a Cloudy

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.3
Wind direction	W	W	W	N	NE	NE	E	E	E	E	E	E
Wind movement	3	2	3	4	3	4	3	5	7	10	8	7
Maximum velocities (exceeding 29 miles) direction and time												

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)	0.2	0	0.2	0.3	0	0	0					
Wind direction	SE	SE	S	S	SW	SW	SW	SW	SW	SW	NE	NE
Wind movement	6	5	5	9	11	8	7	6	5	6	10	13
Maximum velocities (exceeding 29 miles) direction and time												

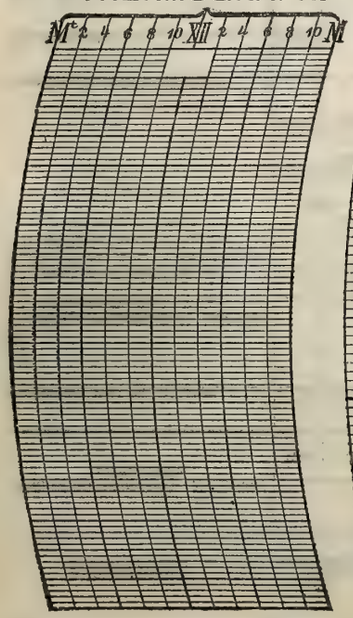
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	46	54	

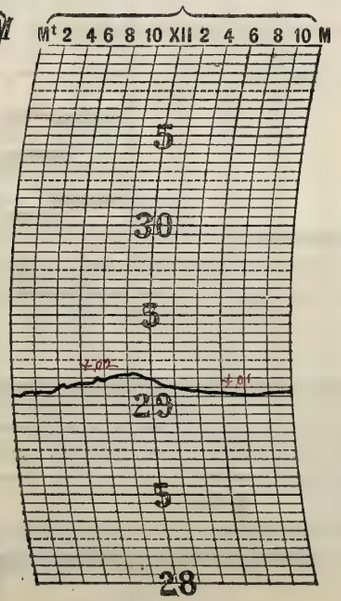
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.0 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 7
Prevailing wind direction, E-SW Total wind 150
Average hourly velocity, 6.2 Extreme velocity, 16
Maximum velocity, 15 Direction, NE
Time began, 11:20 P.M.
Reduced barometer, 30.09 7 a. m. 30.01 7 p. m.
River gage, 3.8 feet
Relative humidity, 51 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 49.1 Wet temperature, 44.3
Dew-point, 40 R. humidity, 69 V. pressure, .247
Clouds: Amount, 7; Kind, Ast; Direction, W
Velocity of clouds (miles per hour)

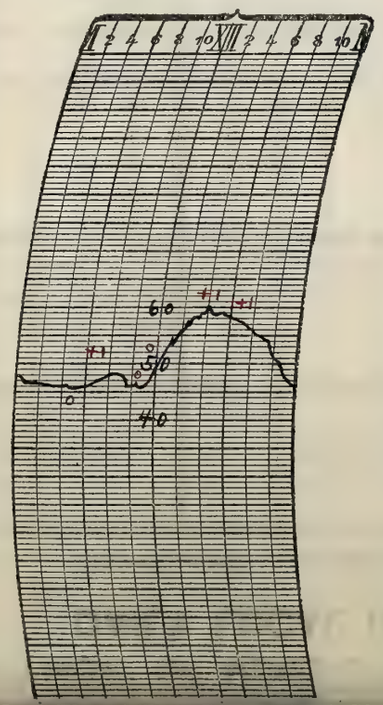
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Mostly cloudy during the day with clearing towards evening. Moonlight at night. The day was uncomfortably cool.

Prepared by O.E.R.
Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 20 1924, 192

Time (local standard), 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	41	41	41	42	43	43	42	43	44	46	48	49	51	52	52	52	51	50	48	47	46	44	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Cloudy							Pt cldy		clear			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0.3					
Wind direction	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	SE	SE	SE	SE	E
Wind movement	14	15	12	12	9	10	10	11	11	13	12	11	9	11	11	10	8	8	6	3	3	2	1	1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:18; Character, Cloudy. Moonrise: 9:05 p; Clear.

Sunset: Time, 6:56; Character, Clear. Moonset: 6:07 a; Cloudy.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

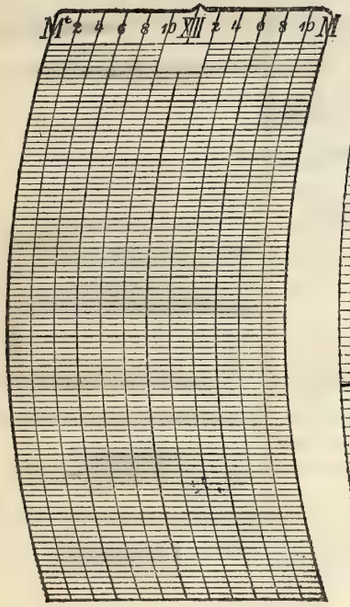
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	41	47	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.2 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 8
Prevailing wind direction, NE Total wind 213
Average hourly velocity, 8.9 Extreme velocity, 18
Maximum velocity, 17 Direction, NE
Time began, 1:43 am
Reduced barometer, 30.06 7 a. m. 29.97 7 p. m.
River gage, 3.4 feet
Relative humidity, 83 7 a. m. 54 7 p. m.

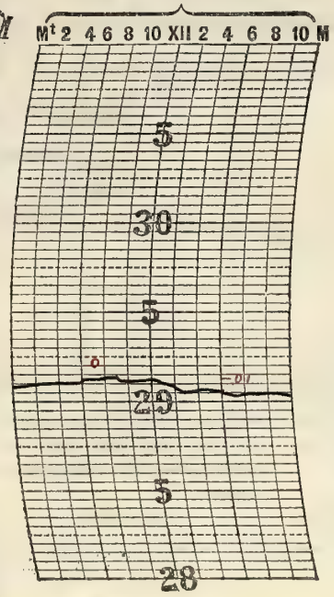
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.0 Wet temperature, 43.0
Dew-point, 37 R. humidity, 67 V. pressure, .219
Clouds: Amount, 4; Kind, Strat; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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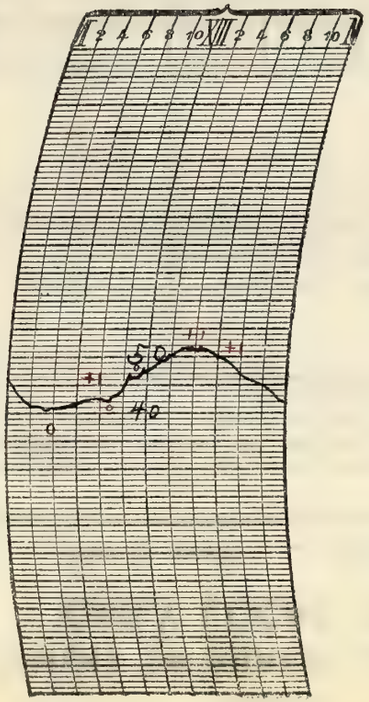


NOTES.

Cloudy all day with clearing in the evening. Stars visible and moonlight after 10 p.m. The temperatures were still low for the season

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 21 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	38	39	42	45	50	53	54	55	53
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear					—		
Sunshine (in tenths of hours)					.70 0	1.0 0	0.5 0	0.9	1.0	1.0	0.3	0
Wind direction	N	N	N	N	N	N	W	SW	W	W	NW	NW
Wind movement	4	2	3	2	2	2	5	8	10	13	15	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	54	52	51	49	46	44	42	41	41
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy	—			clear →			
Sunshine (in tenths of hours)	0.2	0.6	0.5	0	0.2	0.3 0	.95 0					
Wind direction	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW
Wind movement	15	17	15	15	15	15	11	9	6	5	4	4

State of weather.

Sunrise: Time, 4:18 Character, Clear
Moonrise: 10:05 p Clear
Sunset: Time, 6:57 Character, Clear
Moonset: 7:05 a Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

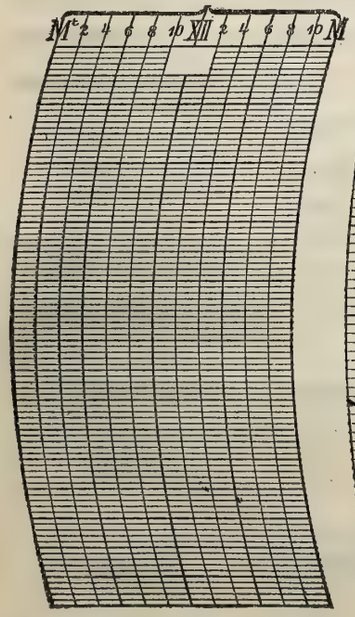
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	38	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.6 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 59
Prevailing wind direction, NW Total wind 213
Average hourly velocity, 8.9 Extreme velocity, 24
Maximum velocity, 22 Direction, NW
Time began, 1:46 p.m.
Reduced barometer, 29.92 7 a. m. 29.94 7, p. m.
River gage, 3.1 feet
Relative humidity, 63 7 a. m. 43 7 p. m.

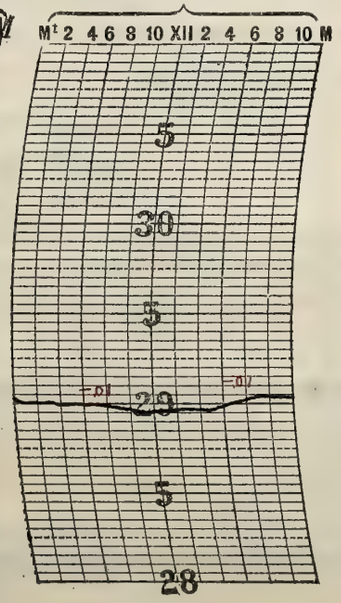
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.0 Wet temperature, 45.5
Dew-point, 38 R. humidity, 56 V. pressure, .228
Clouds: Amount, 9; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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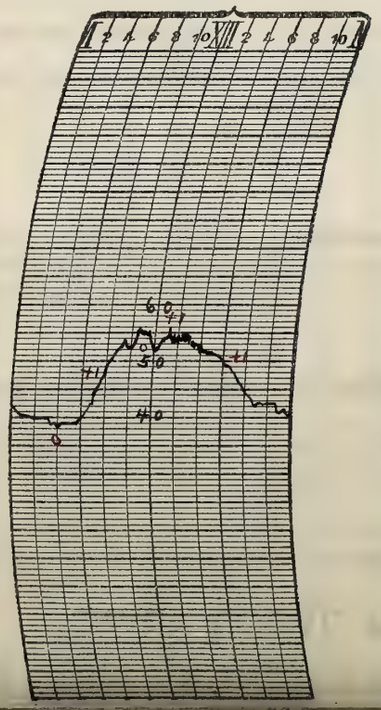


NOTES.

Light frost in early morning. Moonlight in early morning. The sky was cloudy during the middle of the day but clear in the morning and in the evening. Moonlight for a while before midnight p.m. The temperatures were a little higher than on the previous date but it was still cool for the season

On account of the heavy frost occurring on the date following it was difficult to ascertain the extent of any damage by the frost on this date.

Prepared by O.G.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 22 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	37	36	35	35	37	46	50	51	52	53	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear		×		Cloudy	
Sunshine (in tenths of hours)					7.2 0	1.0 0	0.7 0	1.0	0.6	0	0	0
Wind direction	NW	NW	W	W	W	W	SW	SW	S	SW	SW	SW
Wind movement	3	4	5	5	4	5	5	8	11	11	15	15

Sunrise: Time, 4:17 Character, Clear. Moonrise: 10:58 p Clear.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	57	58	62	64	58	55	50	49	48	47	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×		Clear	→				
Sunshine (in tenths of hours)	0	0	0	0.1	0	1.0 0	9.7 0					
Wind direction	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	14	14	13	15	16	11	8	4	4	2	3

Sunset: Time, 6:58 Character, Clear. Moonset: 8:08 a Cloudy.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

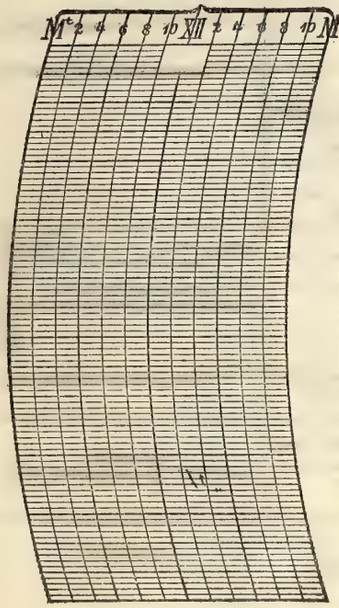
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	35	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.1 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 41
Prevailing wind direction, SW-NW Total wind 206
Average hourly velocity, 8.6 Extreme velocity, 24
Maximum velocity, 20 Direction, SW
Time began, 11:42 am.
Reduced barometer, 29.94 7 a. m. 29.93 7 p. m.
River gage, 2.9 feet
Relative humidity, 43 7 a. m. 53 7 p. m.

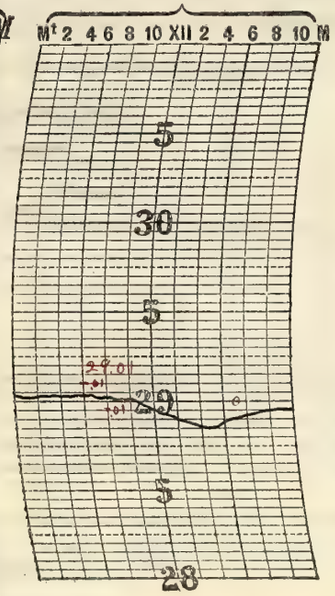
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.8 Wet temperature, 41.9
Dew-point, 28 R. humidity, 37 V. pressure, .150
Clouds: Amount, 9; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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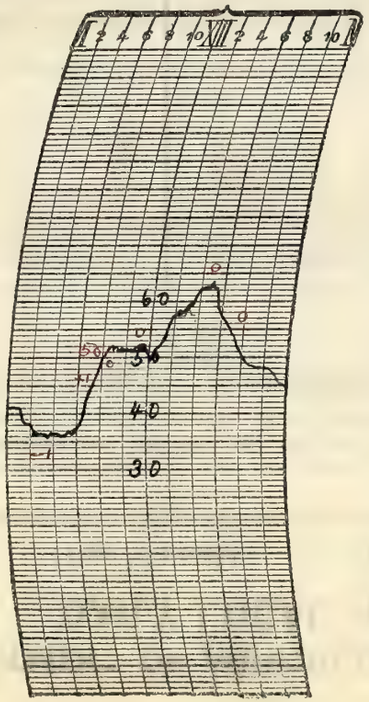


NOTES.

Heavy frost in early morning. Moonlight in early morning. Cloudy during the middle of the day but clear in the morning and in the evening. Stars bright at night. The temperature was low in the morning but rose somewhat during the day.

The heavy frost this morning seems to have caused serious damage to grapes, tomatoes and strawberries over a wide spread area. It is thought that the damage to the cherry and apple crop will not prove to be great.

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 23 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	43	44	47	49	52	55	60	65	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character, 4:16 Cloudy												
Moonrise: 11:42p Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	W	SW	SW	S	S	S	S	SE	S	S	S	S
Wind movement	4	6	7	5	4	8	8	8	10	10	12	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	61	59	59	57	58	59	59	60	61	60	59
State of weather: Nature of precipitation and time of beginning and ending	RB 12:08	- -	- -	- -	- -	- -	RE 6:20				RB DN	R Cont
Amounts of precipitation	T	.04	.02	.01	.07	.02	T				.04	.26
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character, 6:59 Cloudy												
Moonset: 9:14a Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	16	19	16	17	20	19	19	18	16	14	19	20

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

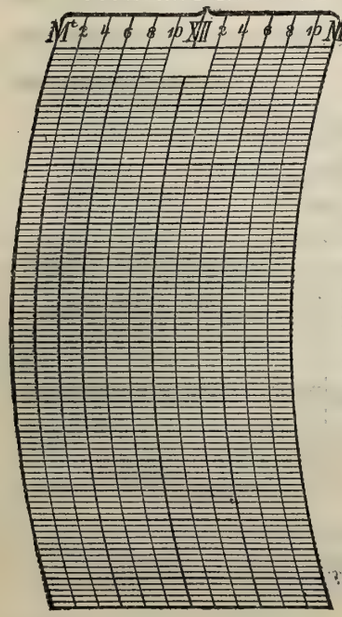
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	42	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.6 ins.
Total precipitation, midnight to midnight, 4.6 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind 312
Average hourly velocity, 13.0 Extreme velocity, 29
Maximum velocity, 26 Direction, S
Time began, 11:22 p.m.
Reduced barometer, 29.89 7 a. m. 29.57 7, p. m.
River gage, 2.8 feet
Relative humidity, 62 7 a. m. 81 7 p. m.

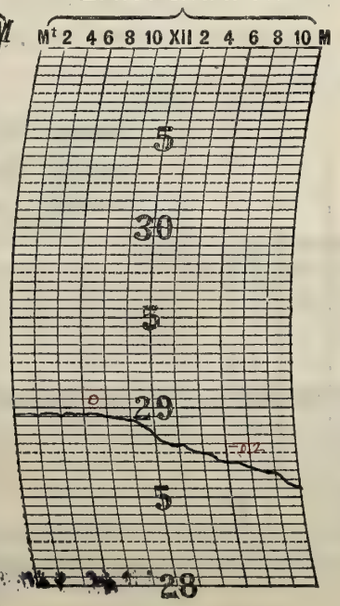
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.5 Wet temperature, 56.8
Dew-point, 49 R. humidity, 52 V. pressure, 347
Clouds: Amount, 8; Kind, St+cu; Direction, SW
Velocity of clouds (miles per hour)

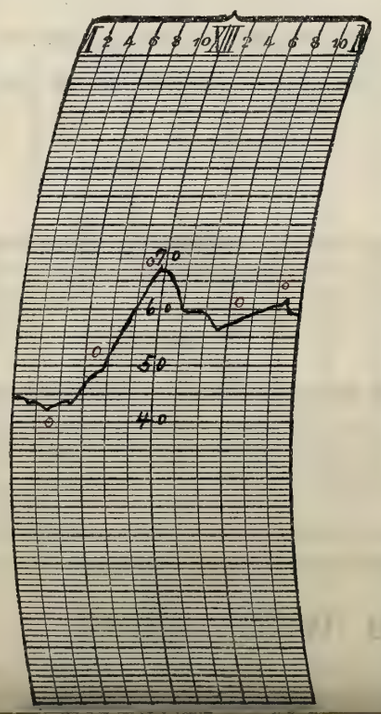
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

R. B. 11:45 pm and continued past midnight. The upper clouds of the early morning became heavier and rain set in shortly after noon. Another rain with a thunderstorm began late at night and continued past midnight. Temperatures cool

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 24 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	50	44	42	41	41	42	44	47	48	50
State of weather: Nature of precipitation and time of beginning and ending					RE DN							
Amounts of precipitation	.14	.06	.05	T	.01							
Cloudiness and other conditions					←		Cloudy			→	x clear	
Sunrise: Time, 4:15 Character, Cloudy												
Moonrise: —												
Sunshine (in tenths of hours)					0	0	0	0	0.4	0.4	0.2	0.6
Wind direction	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	15	19	20	19	18	16	19	21	22	23	23

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	50	50	49	48	46	46	46	44	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	x Pt cldy		x			cloudy			→			
Sunset: Time, 7:00 Character, Cloudy												
Moonset: 10:19 p Cloudy												
Sunshine (in tenths of hours)	0.6	0.2	0	0	0	0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	SW	SW
Wind movement	23	23	20	15	15	13	9	8	5	4	7	8

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

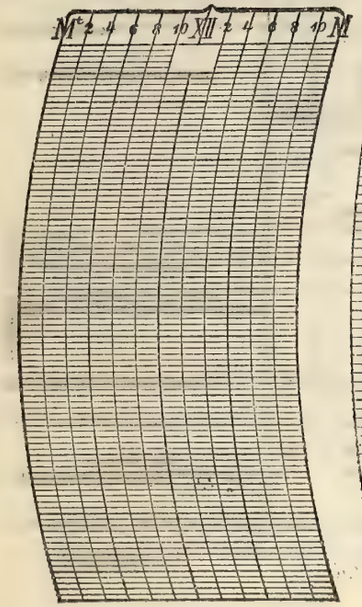
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	41	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .56 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .56 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.4 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 16
Prevailing wind direction, NW Total wind 377
Average hourly velocity, 15.7 Extreme velocity, 81
Maximum velocity, 27 Direction, NW
Time began, 1:37 p.m.
Reduced barometer, 29.69 7 a. m. 29.87 7, p. m.
River gage, 3.0 feet
Relative humidity, 90 7 a. m. 48 7 p. m.

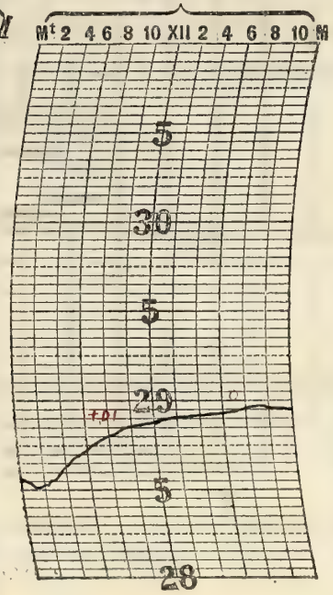
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.0 Wet temperature, 42.0
Dew-point, 32 R. humidity, 50 V. pressure, .180
Clouds: Amount, 3; Kind, Stcu; Direction, NW
Velocity of clouds (miles per hour)

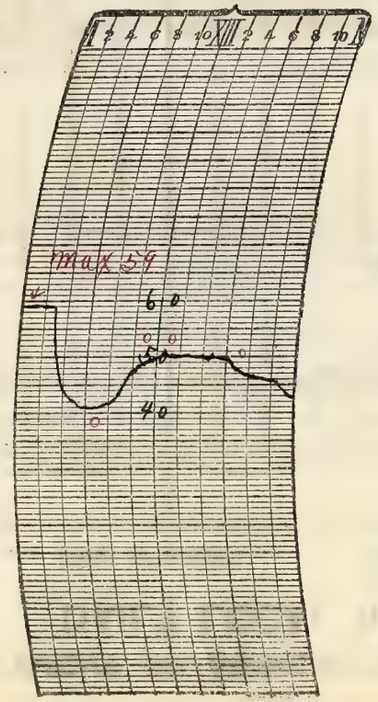
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Is continued from the previous date and ended 2 N a.m. The rain which was continued from the day before ended in the early morning. The day was cloudy in the morning, clearing a little at noon and cloudy again in the afternoon and into the night. Temperatures continued low.

Prepared by O.E.R.
Verified by P. McDonough

S—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 25 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	39	39	38	39	43	48	50	51	51	47	42	42	42	46	45	49	48	46	46	45	44	42
State of weather: Nature of precipitation and time of beginning and ending												RB 11:05	–	–	– RE 2:25	RB 3:55	RE 4:20							
Amounts of precipitation												.01	.04	.03	T	T	.02							
Cloudiness and other conditions						Clear			X			Cloudy					X	Clear		X	Cloudy			

Sunrise: Time, 4:15; Character, Clear. Moonrise: 12:21a Clear.

Sunset: Time, 7:01; Character, Cloudy. Moonset: 11:23a Cloudy.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					.75 0	1.0 0	0.6 0.4	1.0	0.7	0	0	0	0	0	0	0	0	1.0 0	0.2 0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	W	W	NW	NW	SW	SW	SW	SW	SW
Wind movement	9	10	9	7	7	8	11	11	17	15	17	18	16	17	14	12	14	13	8	6	7	8	7	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

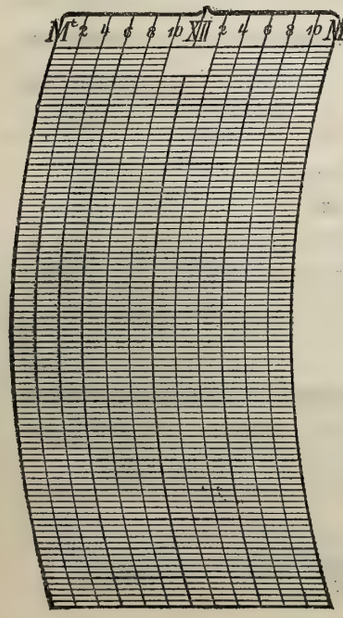
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	38	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.0 ins.
Total precipitation, midnight to midnight, 1.0 inches.
Character of day, Pt cloudy. Moon phase, First Quarter 8:16 a.m.
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.6 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 38
Prevailing wind direction, SW Total wind 270
Average hourly velocity, 11.2 Extreme velocity, 32
Maximum velocity, 27 Direction, W
Time began, 11:05 a.m.
Reduced barometer, 29.86 7 a. m. 29.86 7 p. m.
River gage, 5.3 feet
Relative humidity, 73 7 a. m. 60 7 p. m.

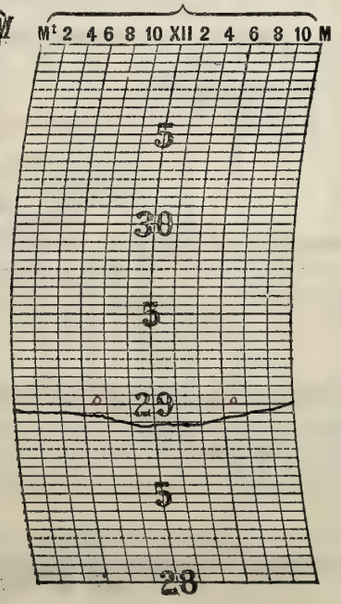
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.0 Wet temperature, 42.5
Dew-point, 39 R. humidity, 75 V. pressure, 23.7
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

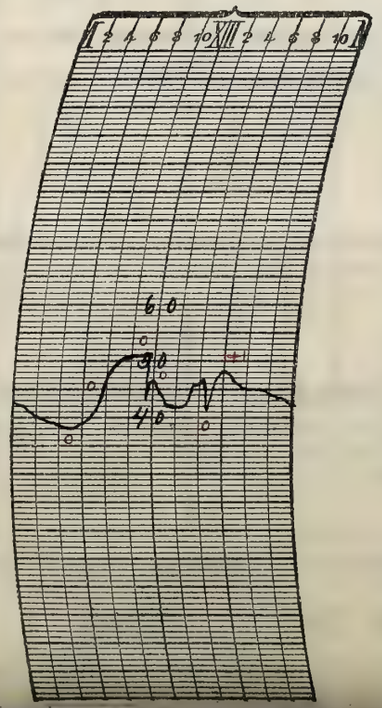
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear in the early morning followed by increasing cloudiness and showers in the afternoon. The sky was almost clear again in the evening but it became cloudy shortly after the p.m. observation and continued cloudy into the night.
The day was uncomfortably cool.

Prepared by J.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 26 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	40	40	40	42	45	53	56	57	58	60	61	63	63	63	63	62	62	60	58	57	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear					—		Pt Cloudy	—					Cloudy			→			
Sunshine (in tenths of hours)					.77 0	1.0 0	0.6 0	0.5	0.8	1.0	1.0	0.6	1.0	0.2	0.2	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SE	SE	SE
Wind movement	8	8	8	6	6	7	5	7	9	11	13	13	13	13	13	13	10	7	6	4	3	3	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:14 Character, Clear
Moonrise: 12:25a ---?
Sunset: Time, 7:02 Character, Cloudy
Moonset: 12:26p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	39	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.7 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 52
Prevailing wind direction, SW Total wind 199
Average hourly velocity, 8.3 Extreme velocity, 19
Maximum velocity, 16 Direction, SW
Time began, 11:21 a m
Reduced barometer, 30.04 7a. m. 29.92 7, p. m.
River gage, 5.2 feet
Relative humidity, 76 7a. m. 64 7 p. m.

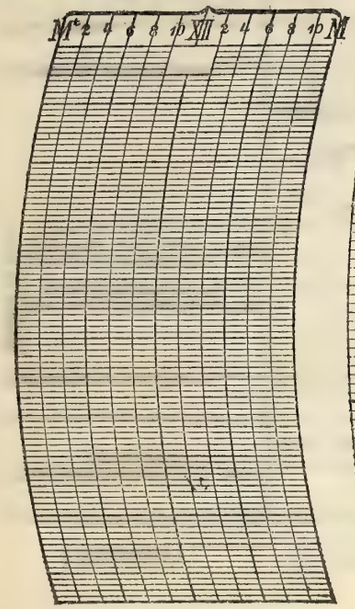
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

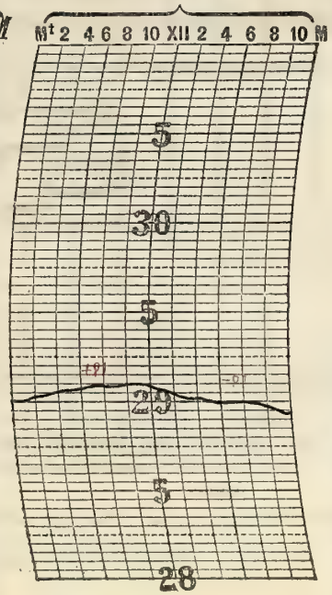
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.2 Wet temperature, 50.0
Dew-point, 40 R. humidity, 48 V. pressure, 247
Clouds: Amount, 5 ; Kind, Cu ; Direction, SW
Velocity of clouds (miles per hour)

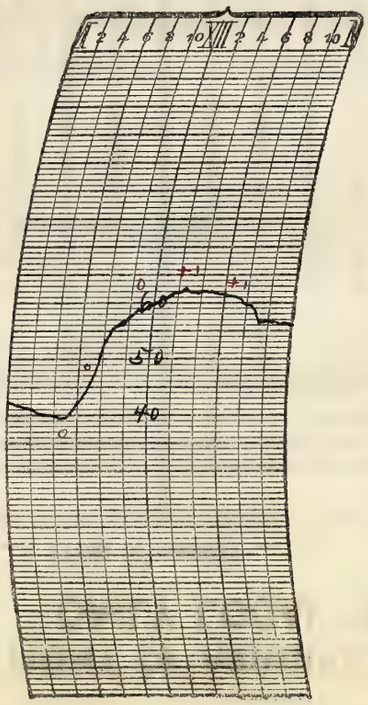
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear in the early morning with gradually increasing cloudiness during the day. Cloudy into the night. Moderate temperatures.

Prepared by O.E.R.
Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 27 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	54	54	54	54	55	56	57	59	60
Nature of precipitation and time of beginning and ending					RB DR	--	——		--	--	RE 1010	
Amounts of precipitation					T	T	.01	T	T	.01	T	
Cloudiness and other conditions					←				Cloudy			→
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	S	S	S	SE	SE	SE	SE	SE	SE	S	S	SW
Wind movement	9	6	6	3	4	4	4	4	3	3	5	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	63	64	67	66	65	64	62	60	60	59	57
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0.3	0	0	0				
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	W	NW
Wind movement	6	7	7	10	10	9	11	9	9	9	6	5

State of weather.

Sunrise: Time, 4:13 Character, Cloudy
Moonrise: 1:26a Cloudy

Sunset: Time, 7:08 Character, Cloudy
Moonset: 1:27p Cloudy

Maximum temperature. 68 | Minimum temperature. 54 | Mean temperature. 61 | Normal temperature.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.3 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 2
Prevailing wind direction, SE-SW-W Total wind 155
Average hourly velocity, 6.5 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 4:29 pm
Reduced barometer, 29.72 7 a. m. 29.70 7 p. m.
River gage, 4.8 feet
Relative humidity, 98 7 a. m. 87 7 p. m.

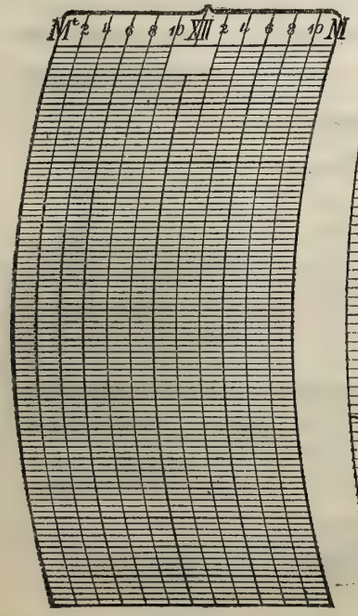
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

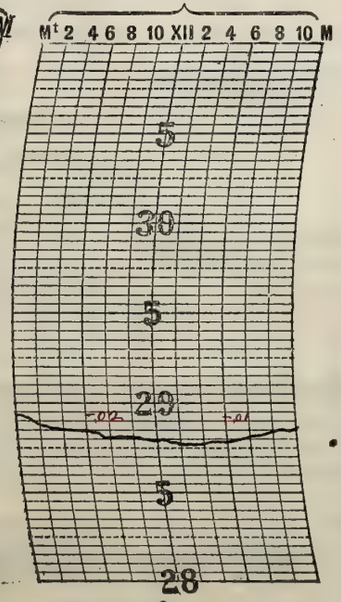
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.3 Wet temperature, 58.0
Dew-point, 57 R. humidity, 87 V. pressure, .465
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

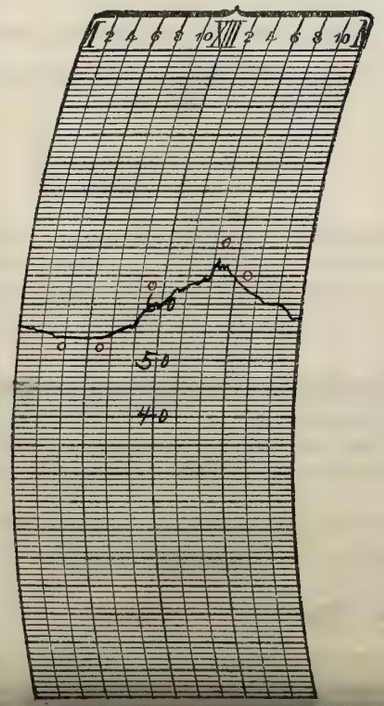
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy all day with a light rain during the forenoon. At night the stars were visible at times through rifts in the clouds. Temperatures moderate.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 28 1924, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	55	55	55	56	59	62	63	65	67
State of weather: Nature of precipitation and time of beginning and ending		RB 1:15	-	-	-	-	RE 6:30					
Amounts of precipitation		T	.01	T	.01	T	T					
Cloudiness and other conditions					←		Cloudy				×	
Sunrise: Time, Character,	4:13 Cloudy											
Moonrise:	1:55a Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0.8	1.0
Wind direction	NW	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	4	3	4	4	5	5	7	6	7	7	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	70	73	71	71	69	68	63	60	59	59	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy	×			Cloudy				→			
Sunset: Time, Character,									7:03 Cloudy			
Moonset:									2:25p Cloudy			
Sunshine (in tenths of hours)	0.7	0.8	0.5	0.6	0.1	0	0	0				
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	10	9	10	9	10	6	5	8	6	3	2	3

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

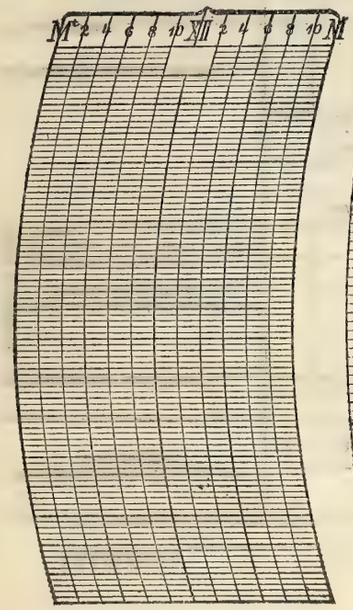
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.6 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 31
Prevailing wind direction, SW Total wind 145
Average hourly velocity, 6.0 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 12:07 PM
Reduced barometer, 29.84 7 a. m. 29.80 7 p. m.
River gage, 4.2 feet
Relative humidity, 90 7 a. m. 63 7 p. m.

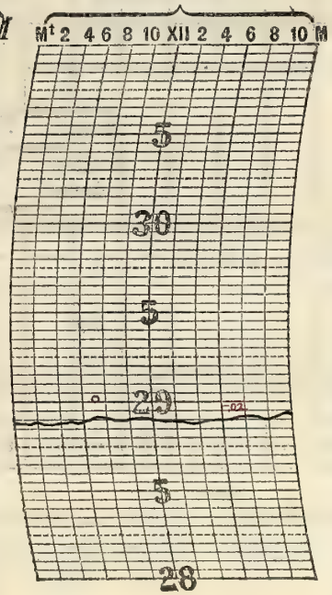
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.6 Wet temperature, 57.8
Dew-point, 52 R. humidity, 59 V. pressure, .387
Clouds: Amount, 1 (5 a cu); Kind, cu; Direction, W (W)
Velocity of clouds (miles per hour)

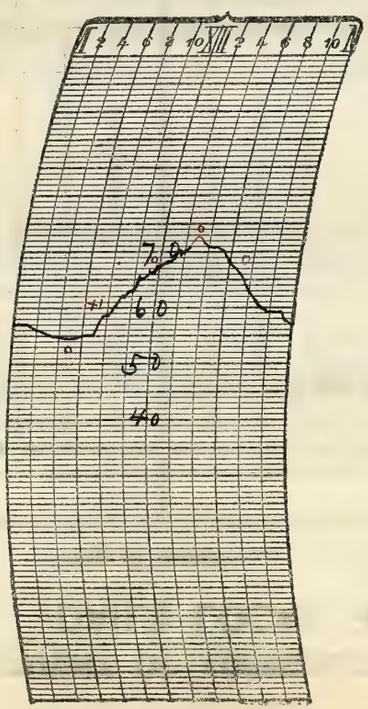
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was cloudy except for a while near noon. After nightfall the sky partly cleared at intervals.
Warm and pleasant in the P.M.

Prepared by O.G.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 29 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	56	56	56	56	54	54	53	52	51
State of weather: Nature of precipitation and time of beginning and ending				RB DN	- -	- -	- -	- -	- -	- -	- -	- -
Amounts of precipitation				T	T	T	.03	.03	.02	.08	.13	.08
Cloudiness and other conditions					← Cloudy							
Sunrise: Time, Character,	4:12 Cloudy											
Moonrise:	2:24a Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	W	SW	SW	SW	SW	SW	S	S	NE	NE	NE	NE
Wind movement	4	5	6	5	4	4	4	4	5	5	4	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	49	49	51	51	51	51	48	47	44
State of weather: Nature of precipitation and time of beginning and ending	- -	- -	- -	RE 3:55								
Amounts of precipitation	.03	.06	.01	.01								
Cloudiness and other conditions								→ Clear				
Sunset: Time, Character,									7:04 Cloudy			
Moonset:									3:24p Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	NE	NE	NE	N	N	N	N	NW	NW	NW	NW	NW
Wind movement	8	6	6	5	5	3	4	7	8	8	6	8

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

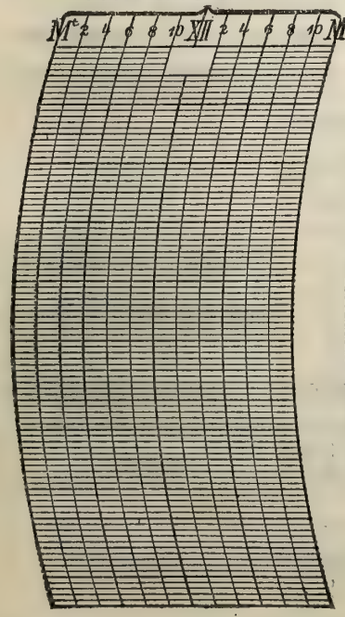
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	44	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .47 ins.
Total precipitation, midnight to midnight, .48 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 134
Average hourly velocity, 5.6 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 11:26 am
Reduced barometer, 29.80 7 a. m. 29.957 p. m.
River gage, 3.6 feet
Relative humidity, 76 7 a. m. 94 7 p. m.

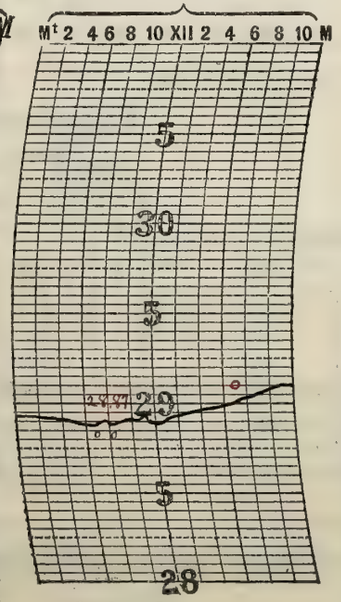
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.8 Wet temperature, 50.0
Dew-point, 49 R. humidity, 95 V. pressure, .347
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

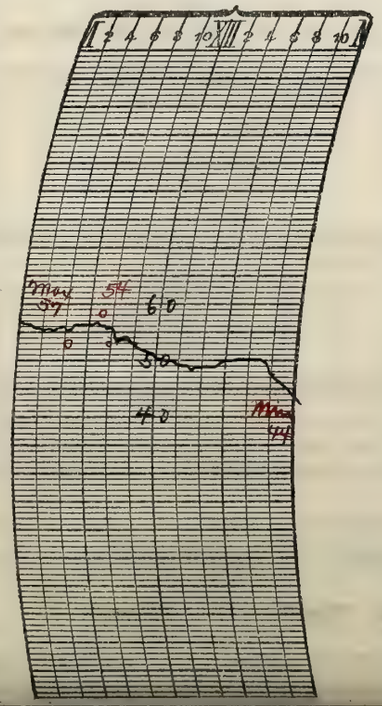
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy all day with a steady rain from early morning till 3:55 p.m. After night the sky became very clear and stars were visible near the horizon.

The day was damp and cold

Prepared by OEP

Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 30 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	42	41	40	40	42	46	49	52	54	56	58	60	60	62	62	62	61	60	55	53	52	52	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					.80 0	1.0 0	0.7 0.2	0.9	1.0	1.0	1.0	0.2	0.8	0.9	0.6	0.5	0.1	0.5 0	0.5 0	.08 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	NW	NW	NW	NW	NW	W
Wind movement	7	7	7	6	6	6	8	9	9	7	10	12	12	10	10	7	9	7	8	8	5	4	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Clear — x Pt Cldy — x Clear →

Sunrise: Time, 4:12 Character, Clear
Moonrise: 2:53 a Clear

Sunset: Time, 7:05 Character, Clear
Moonset: 4:21 p Cloudy

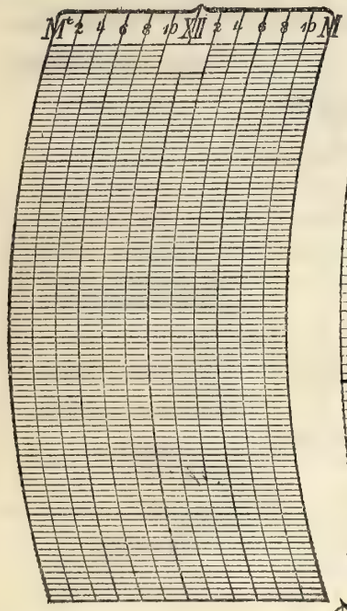
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	40	52	

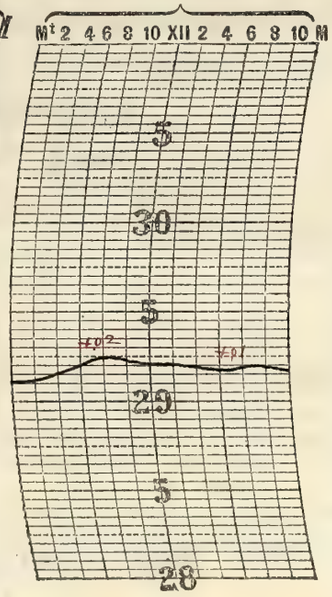
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.8 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 72
Prevailing wind direction, NW Total wind 182
Average hourly velocity, 7.6 Extreme velocity, 16
Maximum velocity, 15 Direction, NW
Time began, 12:02 p.m.
Reduced barometer, 30.17 7 a. m. 30.11 7, p. m.
River gage, 3.4 feet
Relative humidity, 78 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 58.0 Wet temperature, 51.1
Dew-point, 45 R. humidity, 62 V. pressure, 29.8
Clouds: Amount, 1; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

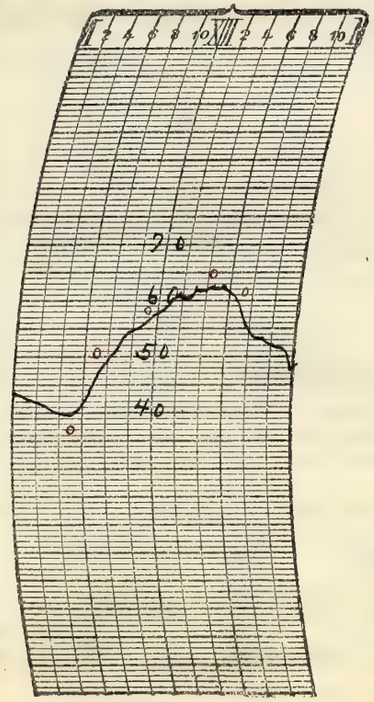
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was clear in the forenoon, partly cloudy for a while in the afternoon and clear again at night. Stars bright.

Not so cool as the previous date.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 31 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	46	45	45	48	53	56	61	63	65	67
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear		Pt. cloudy			Clear		Pt. cloudy
Sunshine (in tenths of hours)					.82 0	1.0 0	0.7 0	0.7	1.0	1.0	1.0	1.0
Wind direction	W	W	W	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	4	5	8	9	9	9	10	9	9	14	14	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	65	65	67	68	66	65	63	61	60	58	57
Nature of precipitation and time of beginning and ending			TB 2:30 RE 2:40									
Amounts of precipitation			T									
Cloudiness and other conditions	Pt. cloudy				Cloudy							
Sunshine (in tenths of hours)	0.4	0	0.1	0	0	0	0	0				
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	12	12	9	9	8	7	5	5	6	7	7	6

Sunrise: Time, 4:11; Character, Clear. Moonrise: 3:23 a, Clear.

Sunset: Time, 7:06; Character, Cloudy. Moonset: 5:17 p, Cloudy.

Maximum velocities (exceeding 29 miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

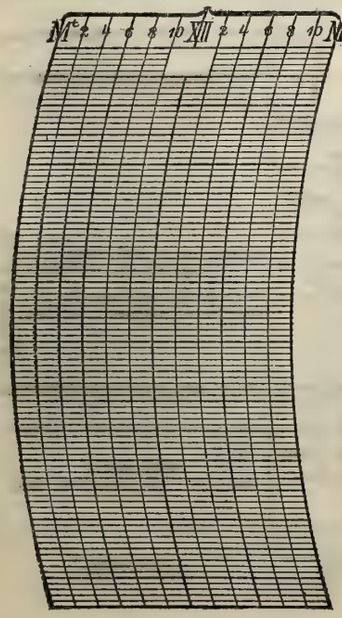
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.7 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 52
Prevailing wind direction, W Total wind 207
Average hourly velocity, 8.6 Extreme velocity, 19
Maximum velocity, 18 Direction, NW
Time began, 11:17 a.m.
Reduced barometer, 30.08 7 a. m. 29.95 7, p. m.
River gage, 3.3 feet
Relative humidity, 70 7 a. m. 68 7 p. m.

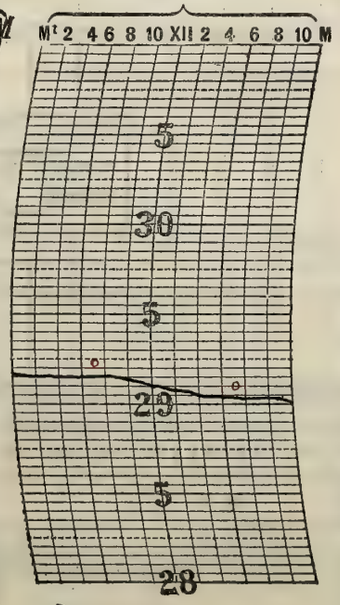
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.3 Wet temperature, 57.3
Dew-point, 50 R. humidity, 54 V. pressure, 360
Clouds: Amount, 3 (4); Kind, cu (st); Direction, NW (W)
Velocity of clouds (miles per hour)

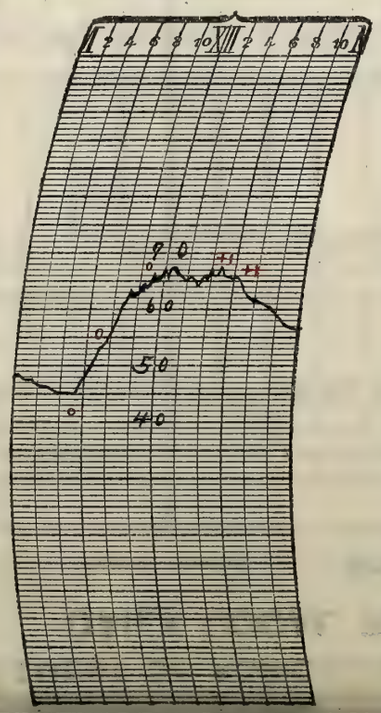
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Continued cool weather, variable cloudiness, westerly winds.
A solar halo of 22° was observed at 11:35 a.m.

Prepared by O.E.R.
Verified by F. McDonough

8—126

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 1 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	55	54	53	54	55	55	55	55	55	55
State of weather: Nature of precipitation and time of beginning and ending			RB 2:35	-	-	-	-	-	-	-	-	-
Amounts of precipitation			T	T	.01	T	.01	T	T	T	.02	.05
Cloudiness and other conditions												
Sunrise: Time, Character,	4:11 Cloudy											
Moonrise:	3:56a Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW	NW	NW	N	E	SW	E	E	E	SE	SE
Wind movement	6	7	3	5	5	5	6	4	5	6	6	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	56	56	56	55	55	55	54	53	53	50
State of weather: Nature of precipitation and time of beginning and ending	-	-	-	-	RE 4:50							
Amounts of precipitation	.05	.05	.04	.02	T							
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									7:07 Cloudy			
Moonset:									6:13p Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	SE	SE	SE	E	E	SE	E	E	E	E	E	E
Wind movement	5	4	4	5	5	5	5	5	3	3	2	2

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

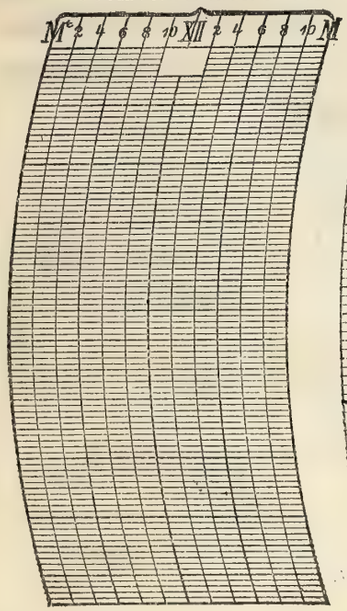
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	50	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .23 ins.
Total precipitation, midnight to midnight, .25 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 110
Average hourly velocity, 4.6 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 6:02 am.
Reduced barometer, 29.91 7 a. m. 29.85 7, p. m.
River gage, 2.2 feet
Relative humidity, 94 7 a. m. 97 7 p. m.

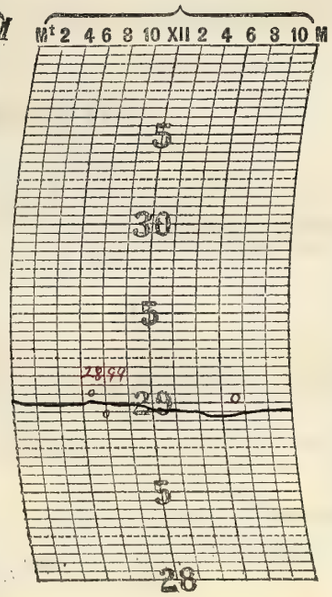
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.0 Wet temperature, 54.0
Dew-point, 53 R. humidity, 94 V. pressure, 40.2
Clouds: Amount, 10; Kind, Nb; Direction, SE
Velocity of clouds (miles per hour)

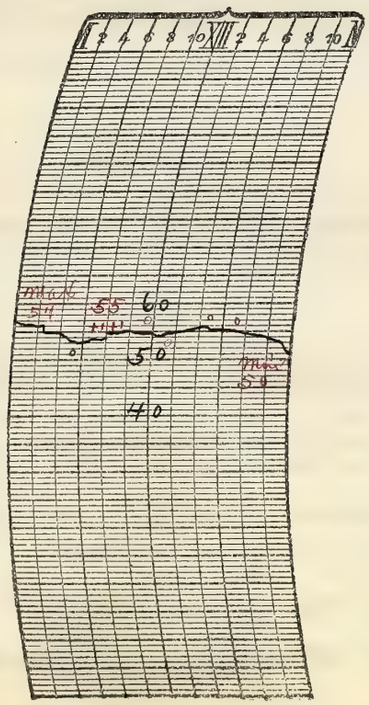
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light rain began in the early morning and continued into the afternoon. The clouds began to break up late at night and stars were visible about 10 p.m. The day was too damp and cool for comfort.

Prepared by O.E.R.
Verified by T. M. Donnegh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 2 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	49	47	45	45	46	48	52	56	60	62	65	66	67	68	67	66	65	64	62	57	57	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			← Dense Fog		← Clear								Pt cloudy								Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.7	0.5	0.8	0.9	1.0	1.0	0.8	0	0.4 0	0	0				
Wind direction	E	0	0	E	E	E	E	S	W	W	W	SW	SW	SW	SW	W	SW	SW	SW	SW	NW	NW	NW	SW
Wind movement	1	0	0	1	1	2	1	3	5	5	5	7	8	8	7	8	10	10	6	7	7	2	3	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:10 Character, Foggy
Moonrise: 4:32 a Foggy.
Sunset: Time, 7:07 Character, Cloudy
Moonset: 7:08 p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

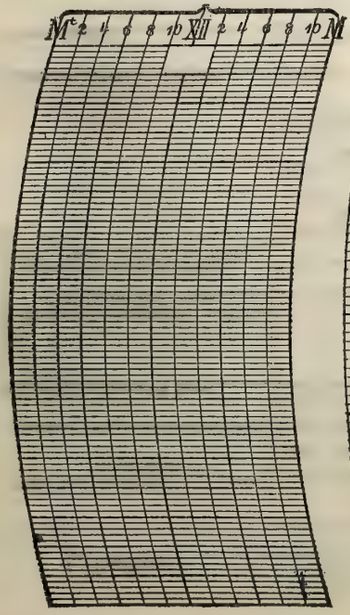
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	44	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase, New moon 8:34 am
Average daily cloudiness (0–10), 4
Actual sunshine, hours, 6.2 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 41
Prevailing wind direction, SW Total wind 109
Average hourly velocity, 4.5 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 4:36 p.m.
Reduced barometer, 29.93 7 a. m. 29.91 7, p. m.
River gage, 3.3 feet
Relative humidity, 100 7 a. m. 64 7 p. m.

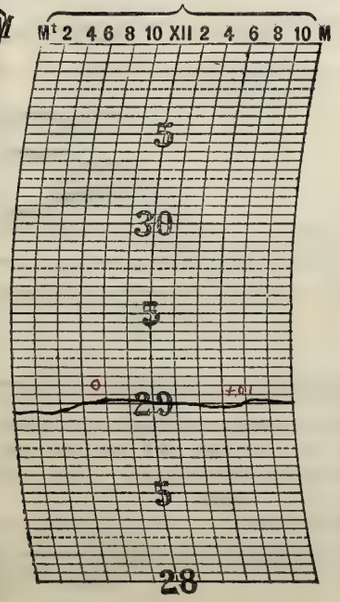
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.1 Wet temperature, 58.6
Dew-point, 54 R. humidity, 68 V. pressure, 417
Clouds: Amount, 4; Kind, Cu.; Direction, NW.
Velocity of clouds (miles per hour)

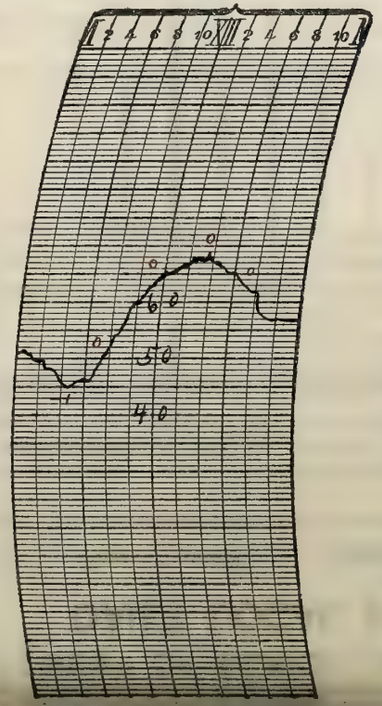
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dense Fog Began During the night am and ended 5:45 am. Light Fog began 5:45 am and ended at 8 am.
The sky was clear for a while in the morning and then cloudy during the remainder of the day. Shortly after the p.m. observation a peculiar dark cloud band, — apparently more of the stratus than the cumulus formation, — moved up from the N.W. horizon. As it passed the station about 8 p.m. the barometer rose suddenly about 0.03 in, the surface wind changed suddenly from SW to NW, and the temperature fell about 5 degrees in a few minutes.

Prepared by O.E.R.
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 3 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	54	54	54	54	54	53	55	56	57
State of weather. Nature of precipitation and time of beginning and ending				RB DN	-	-	-	-	-	-	-	-
Amounts of precipitation				T	.04	.03	T	T	T	T	T	T
Cloudiness and other conditions												Cloudy
Sunrise: Time, Character	4:10 Cloudy											
Moonrise	5:17a Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	W	NW	N	N	SW	SE	SE	SE	NE	S	S
Wind movement	2	3	5	3	2	4	4	4	3	3	4	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	58	59	60	60	57	56	53	53	52	51	49
State of weather. Nature of precipitation and time of beginning and ending	- - -	RE 1:30				RB 5:15	RE 6:10					
Amounts of precipitation		.02	.01			.06	T					
Cloudiness and other conditions		Light Fog										
Sunset: Time, Character									7:08 Cloudy			
Moonset									8:00 p Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	S	SW	SW	SE	E	E	E	NE	NE	NE	NE	NE
Wind movement	6	2	3	2	7	6	7	7	3	1	1	3

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

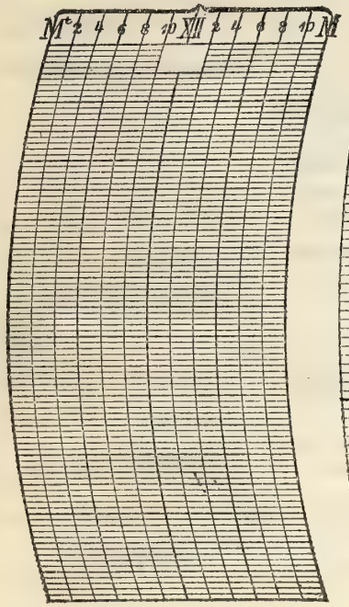
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	49	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., .09 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 92
Average hourly velocity, 3.8 Extreme velocity, 11
Maximum velocity, 11 Direction, E
Time began, 4:38 P.M.
Reduced barometer, 29.947 a. m. 29.947 p. m.
River gage, 3.4 feet
Relative humidity, 97 7 a. m. 93 7 p. m.

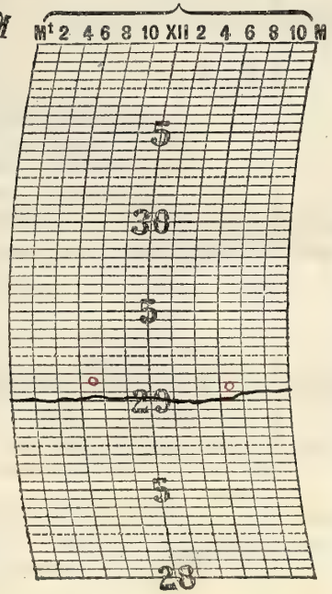
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.3 Wet temperature, 55.3
Dew-point, 54 R. humidity, 88 V. pressure, .417
Clouds: Amount, 4; Kind, cu nb in fog; Direction, 3
Velocity of clouds (miles per hour)

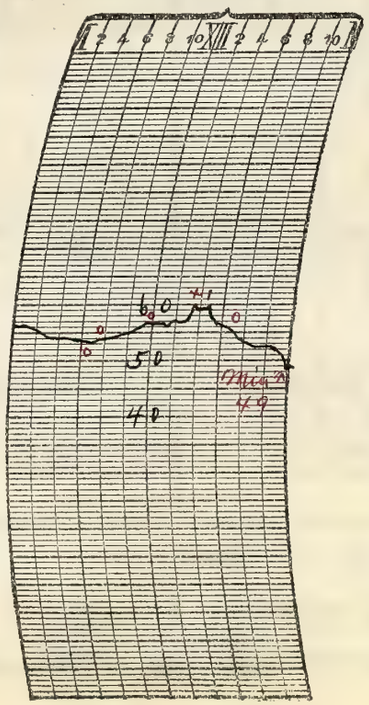
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog began at 8:00 a.m and continued pass midnight. A slow rain continued all morning and into the afternoon. Another shower occurred later in the p.m. The day was damp and cool. The brighter stars were visible at night through the surface fog.

Prepared by O.E.R.

Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 4 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	46	46	46	46	48	50	53	56	62	66
State of weather: Nature of precipitation and time of beginning and ending				RB DN	RE DN							
Amounts of precipitation				T	.01							
Cloudiness and other conditions	with fog				←		Cloudy				8 cldy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	68	67	66	65	65	63	63	61	58	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	x					Cloudy						

Sunrise: Time, 4:10 Character, Foggy
Moonrise: 5:57a Foggy

Sunset: Time, 7:09 Character, Cloudy
Moonset: 8:48p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.3
Wind direction	N	N	N	W	SW	SW	SW	SW	SW	S	SW	S
Wind movement	3	2	2	3	3	4	1	2	2	4	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.1	0.6	0.4	0	0	0	0	0				
Wind direction	S	SW	SW	SW	S	S	S	S	S	S	S	SE
Wind movement	7	7	7	8	5	5	3	4	5	3	2	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

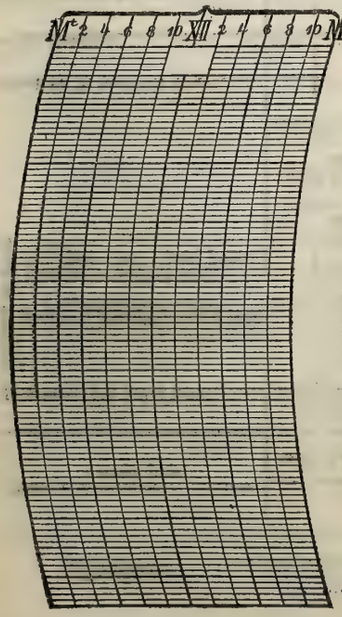
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.4 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 9
Prevailing wind direction, S Total wind 96
Average hourly velocity, 4.0 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 2:14 p.m.
Reduced barometer, 30.05 7 a. m. 30.03 7, p. m.
River gage, 3.3 feet
Relative humidity, 100 7 a. m. 63 7 p. m.

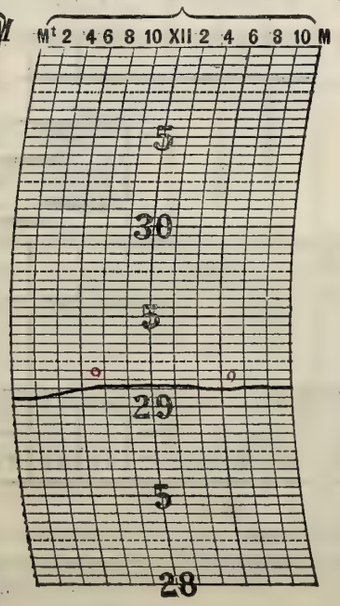
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.0 Wet temperature, 59.0
Dew-point, 54 R. humidity, 66 V. pressure, .417
Clouds: Amount, 3/4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

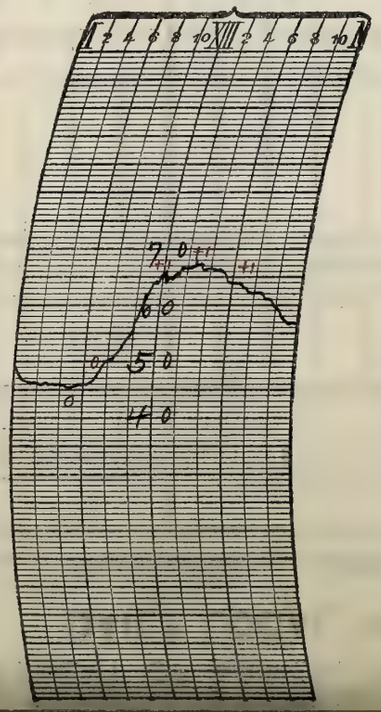
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Rain began and ended during the night a.m. Light fog continued from the previous date and ended during the night a.m. Dense fog began during the night am and ended 7:15 a.m. Light fog began 7:15 am ended 10:30 am. Buildings across the street from office barely visible through fog at 6:40 a.m. but fog began to dissipate at 7 am. The day was mostly cloudy with slowly rising temperature.

Prepared by O.E.R.
Verified by D. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 5 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	56	57	56	57	58	63	66	68	69	72
Nature of precipitation and time of beginning and ending			RB DN	RE DN								
Amounts of precipitation			.05	T								
Cloudiness and other conditions					← Cloudy			×	Clear	×		
Sunshine (in tenths of hours)					0	0	0	0	0.5	1.0	1.0	1.0
Wind direction	SE	S	SE	SE	SE	SE	SE	S	S	S	SE	S
Wind movement	5	8	11	10	8	7	6	7	7	7	9	9

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: 6:46a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	75	74	74	73	59	58	59	63	62	65	64
Nature of precipitation and time of beginning and ending						RB 5:05					RE DN	
Amounts of precipitation						.36	.04	T	T	.06	T	
Cloudiness and other conditions	Pt Cloudy		×			Cloudy			→			
Sunshine (in tenths of hours)	0.5	0.6	0	0	0	0	0	0				
Wind direction	S	S	S	S	S	S	S	S	S	SW	W	W
Wind movement	12	13	13	13	10	12 (30 SW 5:44)	7	5	12	23 (31 SW 9:57)	17	8

Sunset: Time, 7:09 Character, Cloudy
Moonset: 9:34p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	55	65	

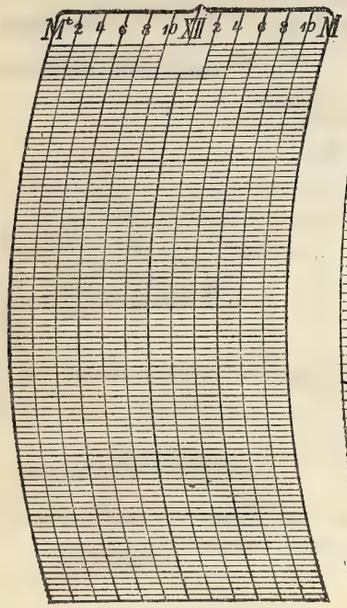
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., 3.9 ins.
Total precipitation, midnight to midnight, 5.1 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 31
Prevailing wind direction, S Total wind 239
Average hourly velocity, 10.0 Extreme velocity, 41
Maximum velocity, 31 Direction, SW
Time began, 9:51 P.M.
Reduced barometer, 30.04 7 a. m. 29.82 7 p. m.
River gage, 4.2 feet
Relative humidity, 82 7 a. m. 99 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

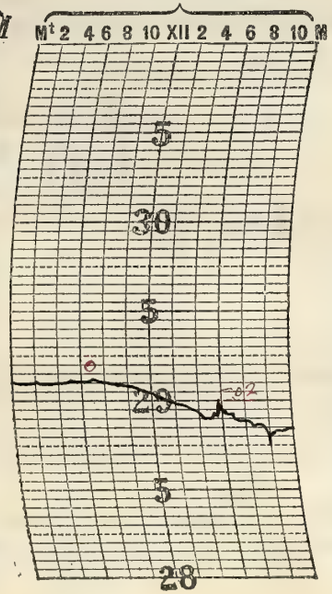
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.0 Wet temperature, 63.3
Dew-point, 59 R. humidity, 62 V. pressure, .499
Clouds: Amount, 7; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

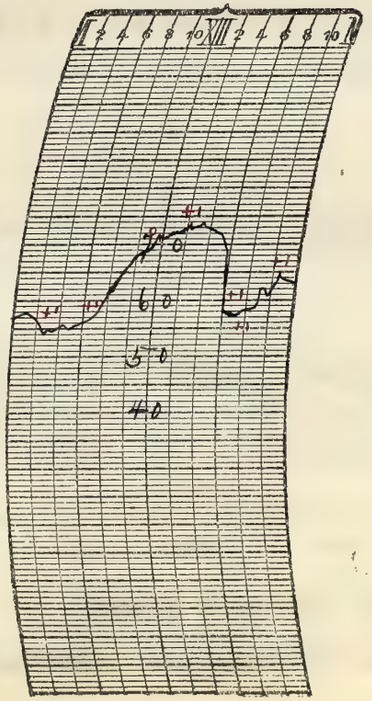
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

By observation.
Began 5:12 p.m., ended D.N.P.
Cloudy in the early morning and then nearly clear for a while about 9 a.m. after which the cloudiness gradually increased with a thunder shower coming late in the afternoon and extending into the night. Considerable damage was caused by the storm to electric power lines and telephones.

Prepared by O.E.R.
Verified by C. M. Hemingway

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 6 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	62	62	62	61	61	62	63	63	64	65	66	67	67	67	66	65	60	57	55	53	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy								Pt Cloudy					Clear			→			
Sunrise: Time, Character	4:09 Cloudy																							
Moonrise	7:32a Cloudy																							
Sunset: Time, Character																					7:10 Clear			
Moonset																					10:15p Clear			
Sunshine (in tenths of hours)					0	0	0	0.6	1.0	0.9	0.6	0.5	1.0	0.9	0.7	0.8	0.4	0 (0.5)	0 (1.0)	0 (.17)				
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	N	N	N
Wind movement	12	13	13	12	8	11	15	16	17	19	16	19	18	16	15	15	14	11	9	7	7	7	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	51	60	

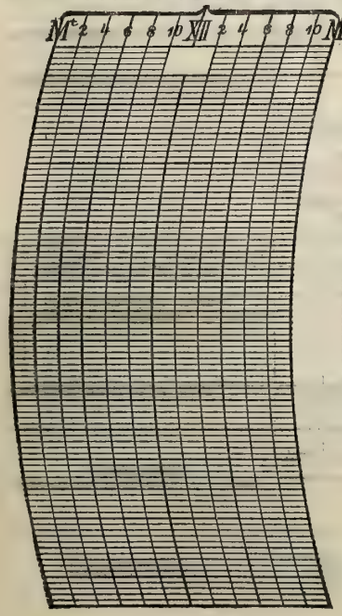
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.1 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 61
Prevailing wind direction, W Total wind 299
Average hourly velocity, 12.5 Extreme velocity, 27
Maximum velocity, 24 Direction, W
Time began, 11:08 a.m.
Reduced barometer, 29.82 7 a. m. 29.90 7 p. m.
River gage, 4.6 feet
Relative humidity, 89 7 a. m. 58 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

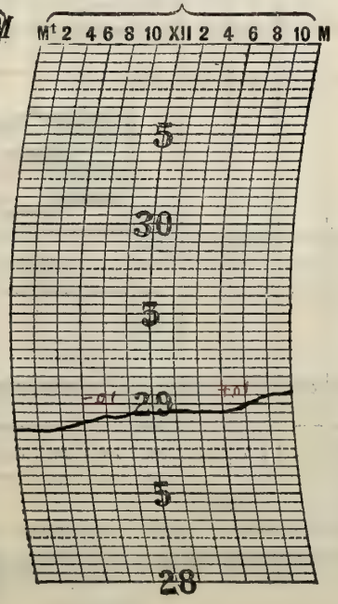
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.3 Wet temperature, 58.0
Dew-point, 54 R. humidity, 69 V. pressure, .417
Clouds: Amount, 5; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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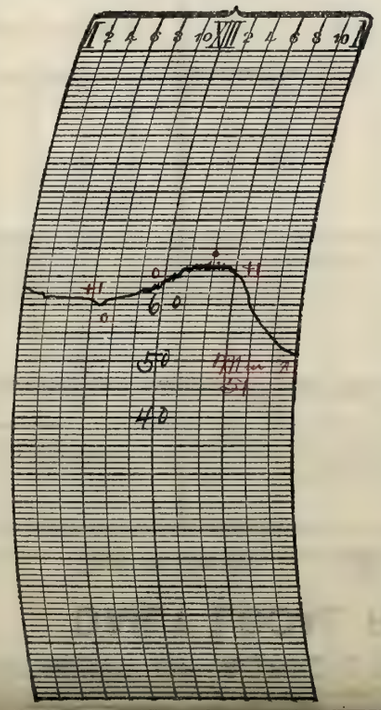


NOTES.

A faint Solar halo of 22° was observed at intervals from 1 p.m to 2 p.m. The cirrus-Stratus and Alto-Stratus clouds were moving rapidly from the west.

The cloudiness gradually decreased from early morning. Clear into the night; stars bright and crescent of New Moon visible. The temperature was still low for the season.

Prepared by P. McDONOUGH
Verified by P. McDonough

S—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 7 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	48	48	51	52	55	57	59	60	62	64	66	67	67	67	66	65	62	61	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																						RB 9:10	RB 10:14	
Amounts of precipitation																						T	T	
Cloudiness and other conditions					← Cloudy →			← Pt. Cloudy →				← Clear →						← Pt. Cloudy →			← Cloudy →			

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: 8:55a Cloudy
Sunset: Time, 7:10 Character, Cloudy
Moonset: 10:53p Cloudy

Sunshine (in tenths of hours)					0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0				
Wind direction	N	N	N	N	N	N	NE	E	NE	E	E	E	E	E	SE	SE	E	E	E	E	E	E	E	E
Wind movement	4	3	3	2	4	4	8	7	9	7	6	6	6	6	5	6	9	9	7	6	7	9	13	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

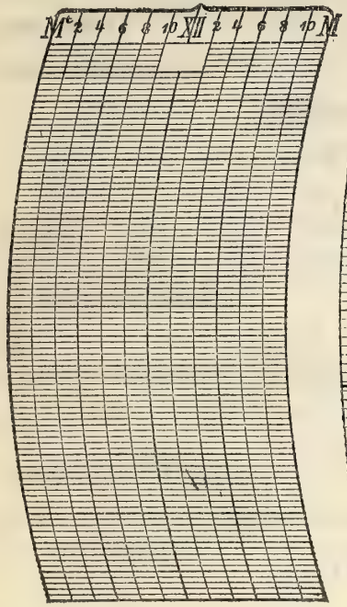
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	48	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.2 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 61
Prevailing wind direction, E Total wind 157
Average hourly velocity, 6.5 Extreme velocity, 16
Maximum velocity, 15 Direction, E
Time began, 10:04 PM.
Reduced barometer, 30.04 7 a. m. 29.92 7, p. m.
River gage, 7.4 feet
Relative humidity, 78 7 a. m. 59 7 p. m.

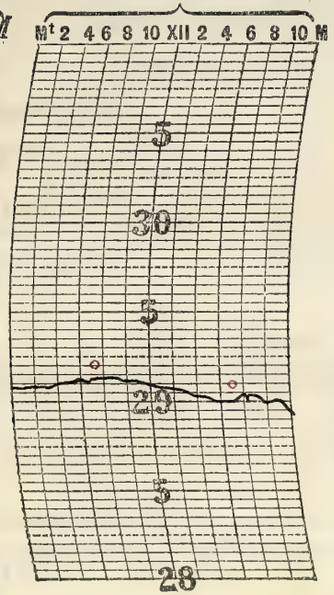
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.0 Wet temperature, 53.0
Dew-point, 46 per R. humidity, 59 per cent V. pressure, .310 in
Clouds: Amount, 1; Kind, Ast; Direction, W
Velocity of clouds (miles per hour)

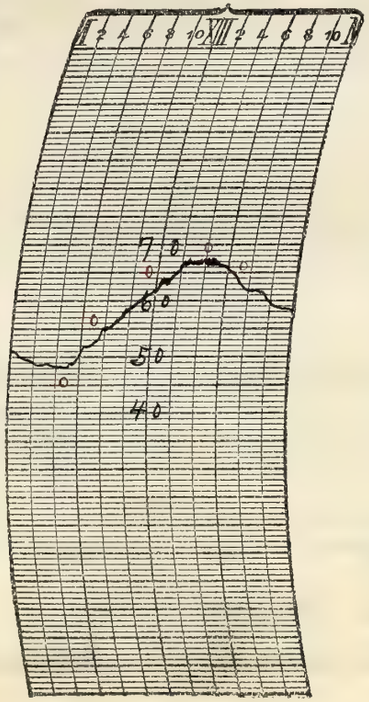
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

By observation.
Moderate day and night temperature, varying cloudiness, with also storms from the west prevailing, and rain in late night.

Prepared by O. E. D.
Verified by J. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 8 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	52	49	51	52	52	51	53	55	57	60
Nature of precipitation and time of beginning and ending	R.B D.N.				RE 8.N		RB 6.30	RE 7.45				
Amounts of precipitation	.04	.02	.23	.03	T		.13	.07				
Cloudiness and other conditions												Cloudy
Sunrise: Time, Character,	4:09 Cloudy											
Moonrise:	9:35a Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.4
Wind direction	E	E	N	NE	E	E	E	E	E	E	E	NE
Wind movement	13	15	21	26	22	17	10	13	8	11	10	3
Maximum velocities (exceeding 29 miles) direction and time			35 NW 2:43									

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	65	63	61	60	58	57	54	54	53	53	53
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									7:11 Cloudy			
Moonset:									11:29p Cloudy			
Sunshine (in tenths of hours)	0.1	0.2	0.5	0.1	0	0	0	0				
Wind direction	N	N	N	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	5	6	7	10	12	11	13	12	11	12	12	12
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .33 ins.; to 7 p. m., .19 ins.
Total precipitation, midnight to midnight, .52 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.3 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 9
Prevailing wind direction, E Total wind 292
Average hourly velocity, 12.2 Extreme velocity, 44
Maximum velocity, 35 Direction, NW
Time began, 2:43 a.m.
Reduced barometer, 29.87 7 a. m. 29.96 7, p. m.
River gage, 7.2 feet
Relative humidity, 88 7 a. m. 91 7 p. m.

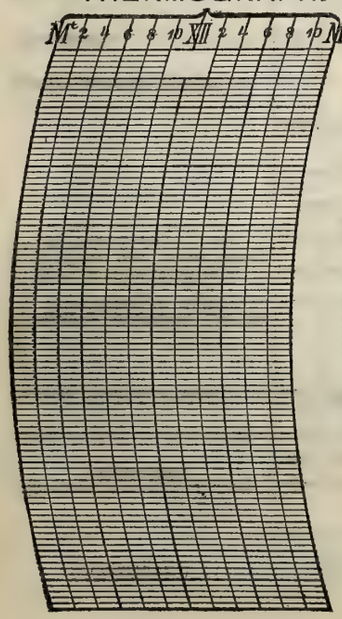
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

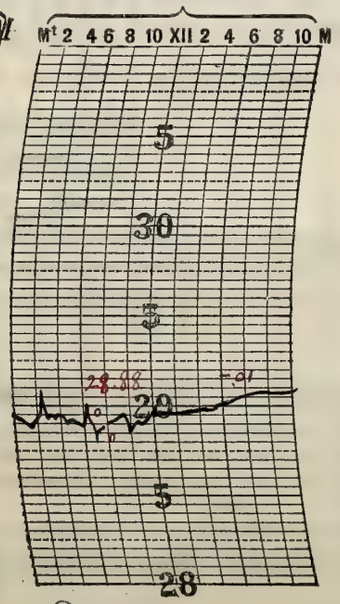
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.0 Wet temperature, 57.3
Dew-point, 57 R. humidity, 91 V. pressure, .465
Clouds: Amount, 3 a.st.; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

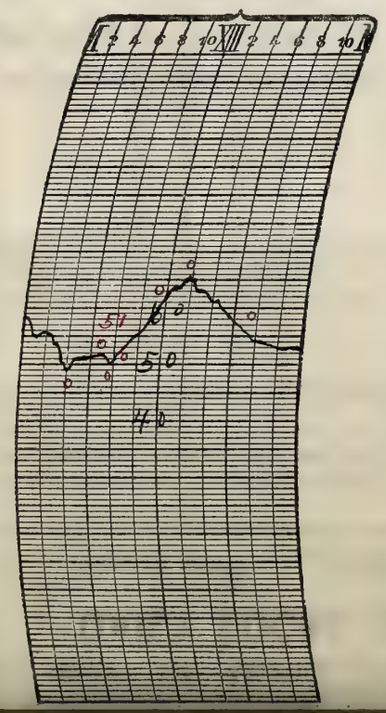
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm began and ended during the night a.m. It was severe about 3 a.m. A second thunderstorm began at 6:30 a.m. and ended at 7:45 am. There were marked pressure fluctuations during both storms. The damage in the city caused by the first storm was limited to roofs of buildings and limbs of trees. Reports indicate that the storm was much more severe and accompanied by a greater fall of rain south of the station.

The day was cloudy with moderately low temperatures. The sky cleared somewhat after night.

Prepared by O.E.R.
Verified by T. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 3 1924, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	52	52	52	51	51	51	53	57	60
Nature of precipitation and time of beginning and ending						RB 5:25			RE 8:30			
Amounts of precipitation						.06	.43	.18	T			
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.4	0.1
Wind direction	E	E	E	E	E	E	NE	E	E	E	E	E
Wind movement	8	7	8	9	8	8	15	9	14	7	8	8
Maximum velocities (exceeding 29 miles) direction and time							36 NW 6:22					

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	62	62	62	63	64	64	63	63	62	60	58
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy				Pt Cldy		Cloudy					
Sunshine (in tenths of hours)	0	0.3	0	0	0	0	0	0				
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	5	7	8	7	5	5	4	4	4	4	7	6
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 10:36 a Cloudy
Sunset: Time, 7:12 Character, Cloudy
Moonset: — —

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	50	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .42 ins.; to 7 p. m., .25 ins.
Total precipitation, midnight to midnight, .67 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 5
Prevailing wind direction, E Total wind 175
Average hourly velocity, 7.3 Extreme velocity, 44
Maximum velocity, 36 Direction, NW
Time began, 6:22 a.m
Reduced barometer, 30.07 7 a. m. 30.01 7 p. m.
River gage, 11.2 feet
Relative humidity, 100 7 a. m. 88 7 p. m.

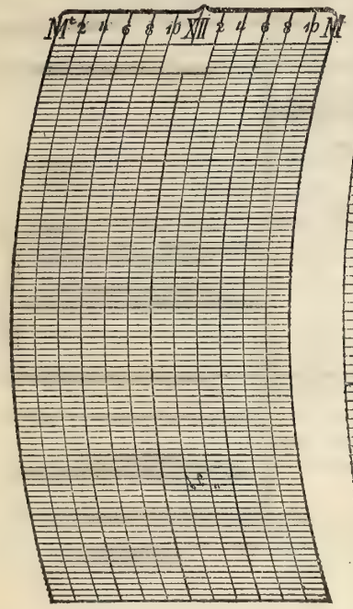
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

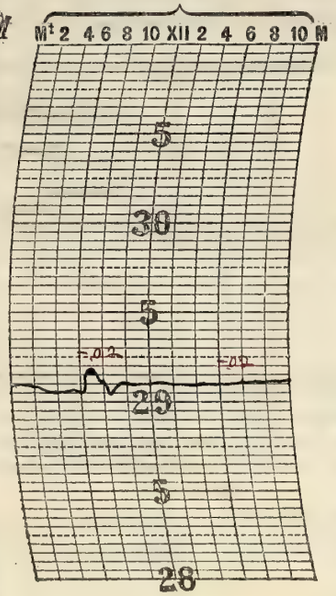
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.5 Wet temperature, 56.8
Dew-point, 55 R. humidity, 85 V. pressure, .432
Clouds: Amount, 9; Kind, Stcu; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.

NOTES.

A thunderstorm began at 5:25 am and ended at 8:30 am.
The day was mostly cloudy with cool temperatures. The temperature did not fall very much till near midnight. Brighter stars visible through rifts in the clouds

Prepared by O.S.R.
Verified by C. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 10 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	54	55	57	58	61	64	65	67	69	72	73	74	75	76	74	72	69	66	64	62	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Lt Fog					Cloudy					Pt Cldy		Clear					
Sunshine (in tenths of hours)					0	0	0	0	0	0.3	0	0.3	0.7	0.3	0.4	0.3	0.4	0.5 0	0.7 0	0				
Wind direction	E	E	E	NE	NE	NE	N	NE	E	E	NE	N	N	NE	N	N	N	N	N	N	N	N	N	N
Wind movement	5	5	5	5	5	6	5	5	4	6	4	5	6	5	5	5	6	8	8	5	6	5	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time 4:08, Character Cloudy
Moonrise: 11:41 a Cloudy
Sunset: Time 7:12, Character Cloudy
Moonset: 12:02 a — ?

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

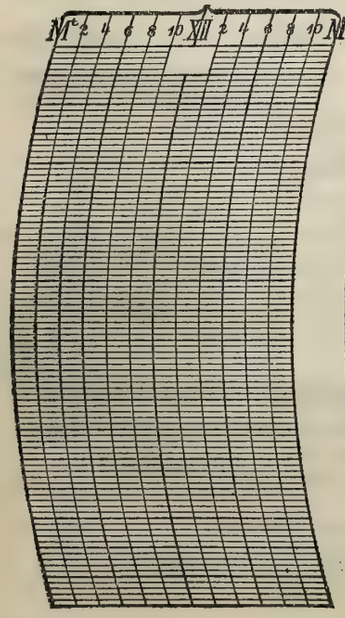
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	54	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, First Quarter 7:37 am
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 26
Prevailing wind direction, N Total wind 130
Average hourly velocity, 5.4 Extreme velocity, 10
Maximum velocity, 10 Direction, N
Time began, 4:55 pm
Reduced barometer, 30.06 7 a. m. 30.04 7 p. m.
River gage, 15.9 feet
Relative humidity, 97 7 a. m. 79 7 p. m.

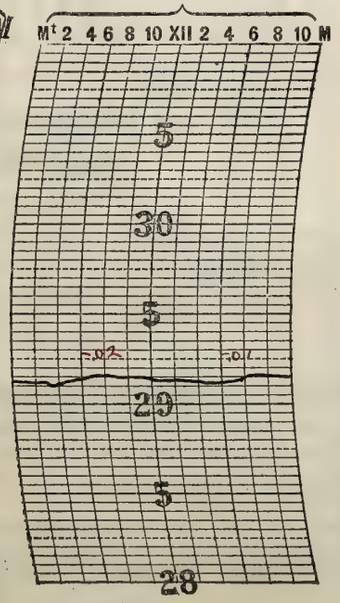
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.2 Wet temperature, 64.8
Dew-point, 62 R. humidity, 79 V. pressure, 555
Clouds: Amount, 9 ST; Kind, Lt Fog; Direction, NW N
Velocity of clouds (miles per hour)

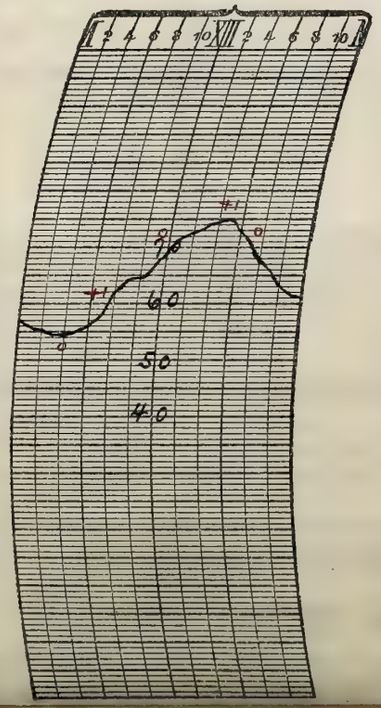
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog began during the night a.m. and ended 1 p.m.
The day was cloudy until evening. Clear into the night. Temperature warm and more nearly seasonal.

Prepared by OER
Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 11 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	58	58	61	65	66	68	72	72	74	75	77	76	75	74	74	73	70	68	66	64	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0	0	1.0	0.1	0	0.3	0.9	0.3	0.1	0.9	0.9	0.8	0	0	0	0				
Wind direction	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	W	NW	NW	N	N	N	NE	NE	NE	NE
Wind movement	3	4	3	4	5	3	3	2	3	3	5	6	6	5	6	7	8	6	4	4	7	3	1	4

Cloudy ← → Cloudy

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 12:47p Cloudy

Sunset: Time, 7:13 Character, Cloudy
Moonset: 12:34a — ?

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

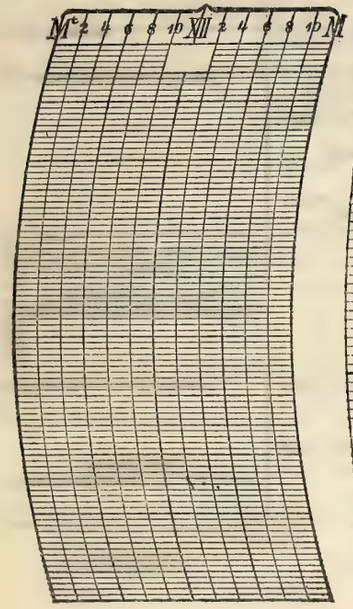
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.3 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 35
Prevailing wind direction, N Total wind 105
Average hourly velocity, 4.4 Extreme velocity, 9
Maximum velocity, 9 Direction, NW
Time began, 3:08 p.m.
Reduced barometer, 30.05 7 a. m. 30.03 7 p. m.
River gage, 15.7 feet
Relative humidity, 85 7 a. m. 57 7 p. m.

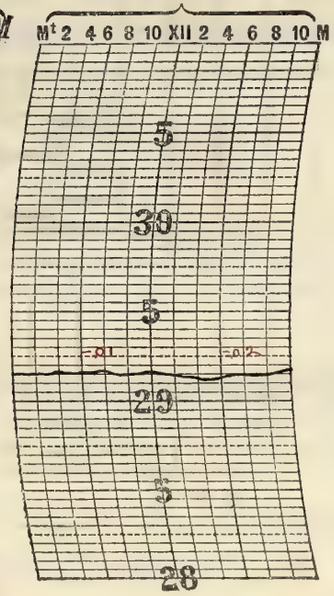
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.3 Wet temperature, 67.3
Dew-point, 64 R. humidity, 70 V. pressure, 595
Clouds: Amount, 8 1; Kind, a st cu; Direction, W NW
Velocity of clouds (miles per hour)

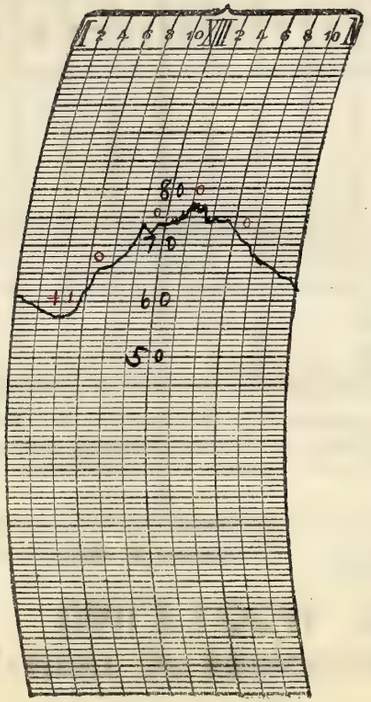
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy most of the day. Partly clear after night fall. Moderately warm temperatures.

Prepared by O.E.R.
Verified by C. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 12 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	59	58	57	58	64	66	69	71	73	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	SE	SE
Wind movement	2	3	2	3	3	5	4	6	4	4	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	75	76	77	77	76	70	67	67	66	66	65
State of weather: Nature of precipitation and time of beginning and ending					RB 4:35 RE 4:55		RB 6:25	RE 7:25				
Amounts of precipitation					T		.03	.02				
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	0	0	0.2	0.7	0.2	0	0	0				
Wind direction	SE	S	S	S	SE	S	SW	SW	SW	SE	S	S
Wind movement	5	6	6	6	3	4	9	8	4	4	4	5

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 1:55p Cloudy

Sunset: Time, 7:13 Character, Cloudy
Moonset: 1:07a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

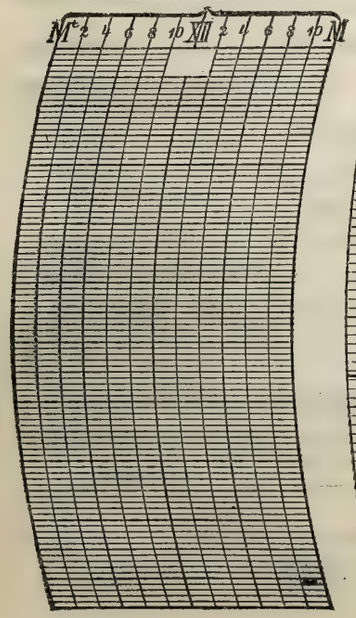
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	57	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 7
Prevailing wind direction, NE-S Total wind 109
Average hourly velocity, 4.5 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 6:11 p. m.
Reduced barometer, 30.10 7 a. m. 30.01 7 p. m.
River gage, 13.4 feet
Relative humidity, 75 7 a. m. 93 7 p. m.

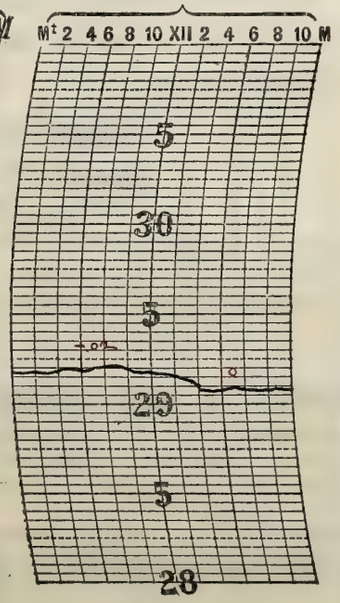
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.0 Wet temperature, 65.1
Dew-point, 60 R. humidity, 62 V. pressure, .517
Clouds: Amount, 10; Kind, a St.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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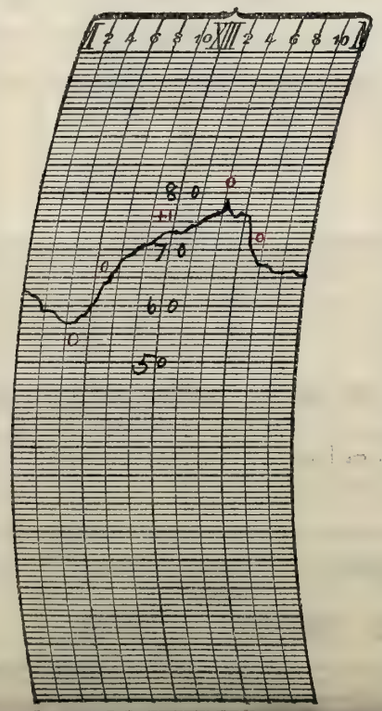


NOTES.

A warm, cloudy day with light showers in the late afternoon and evening.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 13 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	64	63	63	66	68	72	74	77	78	79	80	80	81	81	80	78	77	73	71	69	67	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear					×	Pt cldy	×	cldy ×			Pt cldy		×	Clear →					
Sunshine (in tenths of hours)					.87 0	1.0 0	0.6 0.4	1.0	1.0	0.8	0.8	0.7	1.0	0.8	1.0	0.8	0.7	0.5 0.1	1.0 0	0				
Wind direction	S	S	SW	SW	SW	0	SW	SW	N	N	N	NW	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	4	3	1	1	0	2	4	6	5	5	7	9	8	8	8	7	7	6	7	5	4	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08 Character, Clear
Moonrise: 3:05 p Cloudy
Sunset: Time, 7:14 Character, Cloudy
Moonset: 1:41 a — p

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

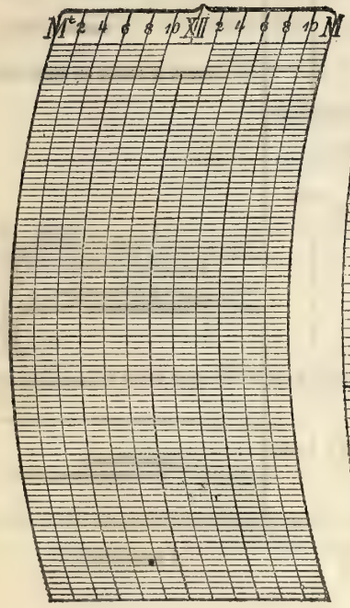
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 13.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 87
Prevailing wind direction, N Total wind 120
Average hourly velocity, 5.0 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 12:04 P.m
Reduced barometer, 29.96 7 a. m. 29.92 7 p. m.
River gage, 10.9
Relative humidity, 87 7 a. m. 63 7 p. m.

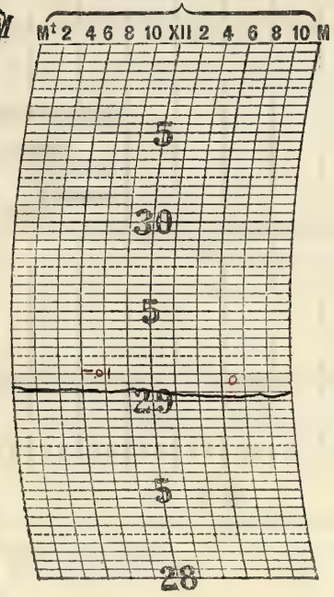
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.8 Wet temperature, 69.3
Dew-point, 64 R. humidity, 59 V. pressure, .595
Clouds: Amount, 7; Kind, Cu a St; Direction, NW
Velocity of clouds (miles per hour)

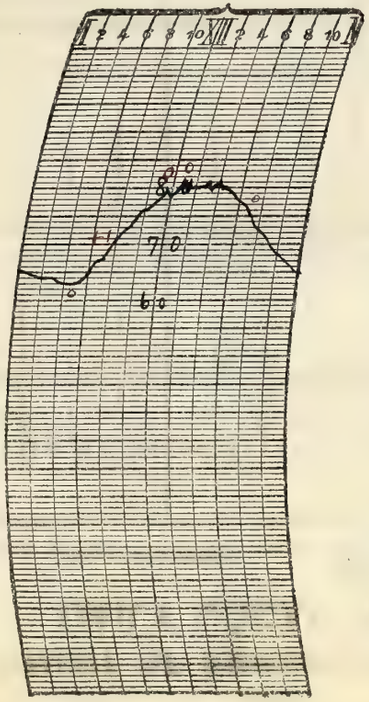
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The cloudiness increased to about the middle of the day and then gradually decreased. Clear at night with moonlight. Warm temperatures.

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 14 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	60	61	64	67	71	74	76	76	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear						× Pt Cldy	
Sunrise: Time, Character, 4:08 Clear												
Moonrise: 4:18 p Cloudy												
Sunshine (in tenths of hours)					.87 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	0.4
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	3	4	3	3	4	4	4	3	3	4	7	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	68	71	73	74	74	72	70	68	67	67	66
State of weather: Nature of precipitation and time of beginning and ending		RB 1:24 RE 1:55										
Amounts of precipitation		.28										
Cloudiness and other conditions	× Cldy		× Pt Cldy				× Clear		→			
Sunset: Time, Character, 7:14 Cloudy												
Moonset: 2:19 a Clear												
Sunshine (in tenths of hours)	0	0	0.4	0.6	0	0.5 0	0.8 0	0				
Wind direction	E	NE	E	E	SE	E	E	E	E	SE	SE	SE
Wind movement	4	10	7	7	4	5	4	5	4	3	4	6

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

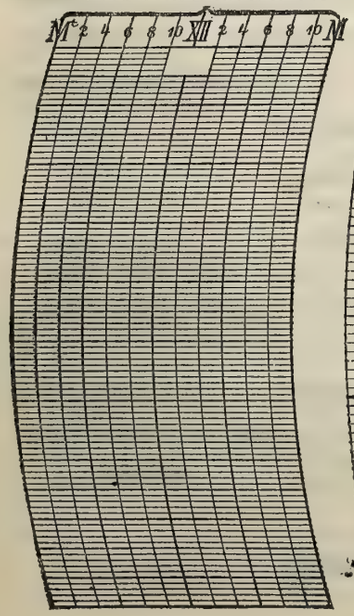
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	60	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 28 ins.
Total precipitation, midnight to midnight, 28 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 64
Prevailing wind direction, NE Total wind 112
Average hourly velocity, 4.7 Extreme velocity, 23
Maximum velocity, 22 Direction, NE
Time began, 1:31 p.m.
Reduced barometer, 29.99 7 a. m. 29.96 7, p. m.
River gage, 8.8 feet
Relative humidity, 80 7 a. m. 67 7 p. m.

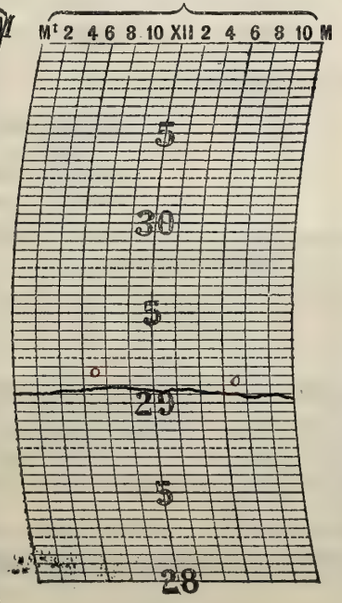
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.2 Wet temperature, 65.7
Dew-point, 59 R. humidity, 54 V. pressure, 499
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

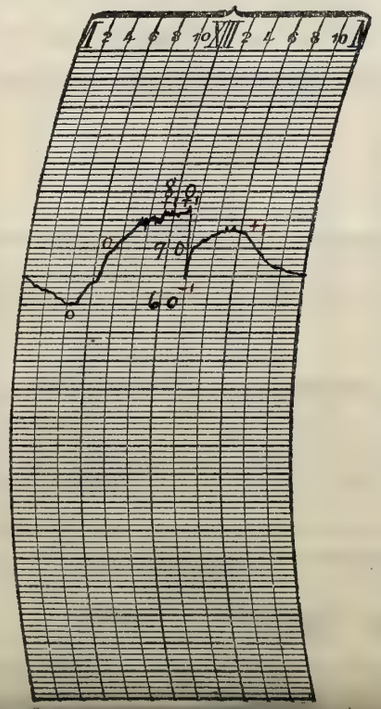
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began 1:23 p.m. and ended 1:55 p.m.
The day was clear in the morning, increasing cloudiness towards the middle of the day with a shower in the afternoon. Clear again at night. Bright moonlight.

Prepared by OER
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 15 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	63	62	63	64	66	67	68	70	69	67	65	64	64	64	63	62	62	62	62	61	61
State of weather: Nature of precipitation and time of beginning and ending											RB 10.20	- -	- -	—	- -	RE 3:30		RB 5:00	- -	RE 7:15				
Amounts of precipitation											T	.03	.15	.06	.06	T		.03	.01	T				
Cloudiness and other conditions													Cloudy											

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 5:31 p Cloudy

Sunset: Time, 7:14 Character, Cloudy
Moonset: 3:01 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Wind direction	SE	SE	SE	S	S	S	S	S	S	S	SE	S	S	S	SE	SE	E	E	NE	E	NE	NE	N	N
Wind movement	4	5	9	6	5	8	7	9	8	7	7	8	6	7	5	7	7	8	7	5	6	6	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

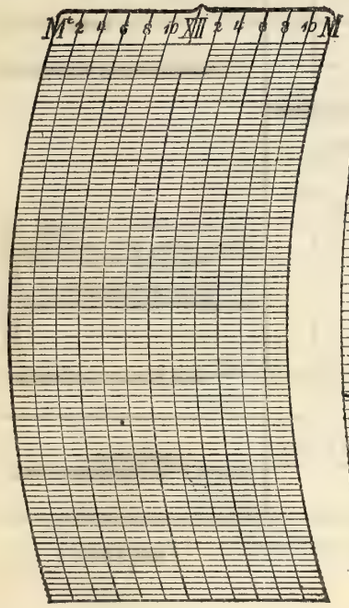
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	61	66	

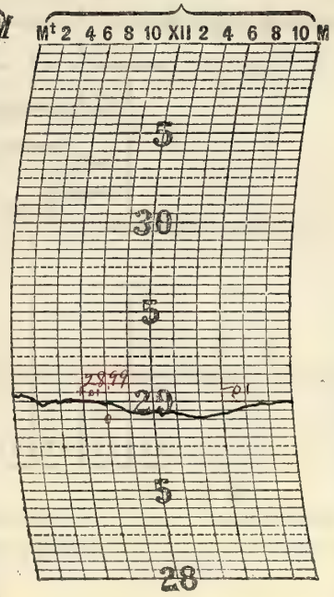
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .34 ins.
Total precipitation, midnight to midnight, .34 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind 158
Average hourly velocity, 6.6 Extreme velocity, 11
Maximum velocity, 11 Direction, S
Time began, 7:39 a.m.
Reduced barometer, 29.93 7 a. m. 29.84 7, p. m.
River gage, 6.8 feet
Relative humidity, 82 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 68.7 Wet temperature, 65.6
Dew-point, 64 R. humidity, 85 V. pressure, .595
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

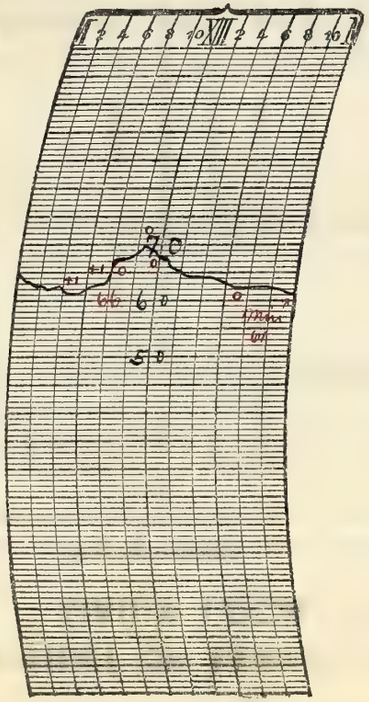
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy with a steady rain from about 10:20 am. through most of the afternoon. Cloudy into the night. The temperatures were cool and varied only a small amount.

Prepared by C.E.R.
Verified by T. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 16 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	59	59	60	61	60	58	60	60	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy						Cloudy	
Sunshine (in tenths of hours)					0	0	0.2	0.4	0	0	0	0
Wind direction	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	5	5	5	7	9	13	11	10	9	7	5

Sunrise: Time, 4:08 Character, Cloudy. Moonrise: 6:42p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	62	64	63	62	62	61	61	60	59	58
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	NE	N	N	N	NE	NE	NE	SE	SW	SW	W	W
Wind movement	5	6	5	6	5	4	3	3	4	3	3	3

Sunset: Time, 7:15 Character, Cloudy. Moonset: 3:50a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

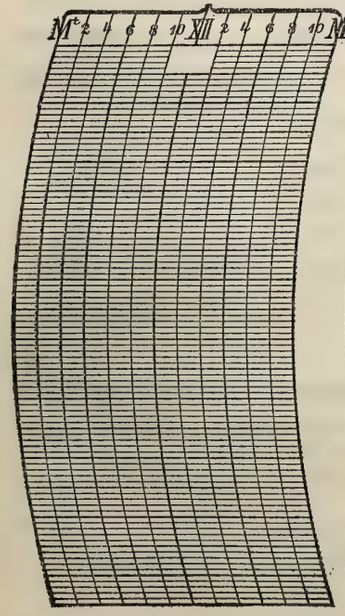
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	58	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, Full Moon 10:41 pm.
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 4
Prevailing wind direction, NE Total wind 14.0
Average hourly velocity, 5.8 Extreme velocity, 15
Maximum velocity, 15 Direction, NE
Time began, 6:32 am.
Reduced barometer, 30.01 7 a. m. 30.00 7, p. m.
River gage, 5.8 feet
Relative humidity, 88 7 a. m. 82 7 p. m.

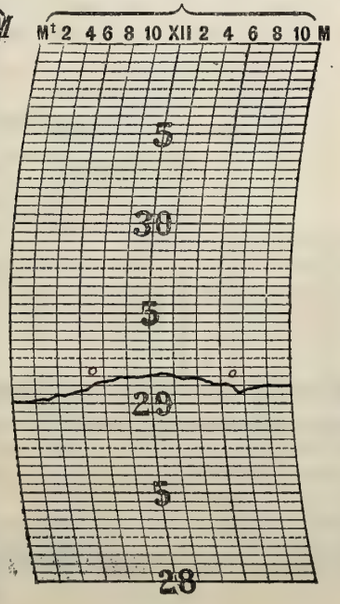
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 57.0
Dew-point, 55 R. humidity, 84 V. pressure, 432
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

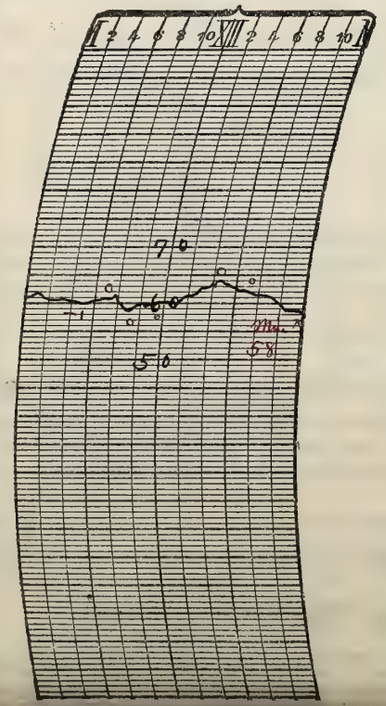
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was partly cloudy for a while in the morning and then entirely overcast during the rest of the day. Clearing after 9 p.m. with bright moonlight from the Full Moon. The temperatures varied only a small amount during the 24 hours but it was cool for the season

Prepared by C. E. R.
Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 17 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	56	55	55	55	61	64	67	71	74	76	78	80	79	79	79	78	77	74	72	73	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear							×		Pt cldy		×	Cloudy →				
Sunshine (in tenths of hours)					.87 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.1	0	0	0				
Wind direction	W	W	SW	SW	SW	O	SW	SW	SW	S	S	S	SW	SW	S	SW	SW	SW	SW	SE	SE	SE	S	S
Wind movement	1	2	1	1	1	0	4	8	7	6	7	9	8	9	8	11	8	4	2	2	3	5	6	8

Sunrise: Time, 4:08 Character, Clear
Moonrise: 7:46p Cloudy
Sunset: Time, 7:15 Character, Cloudy
Moonset: 4:45a Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

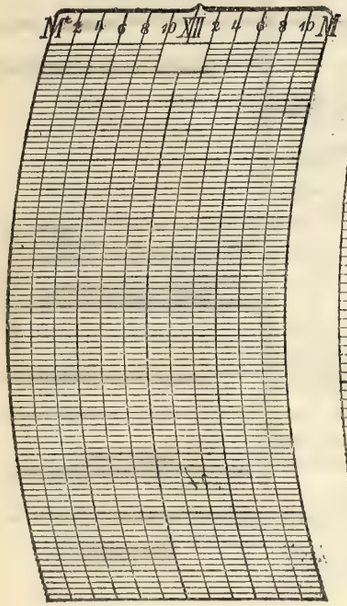
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	54	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 77
Prevailing wind direction, SW Total wind 121
Average hourly velocity, 5.0 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 1:29 p.m.
Reduced barometer, 30.01 7 a. m. 29.84 7 p. m.
River gage, 5.9 feet
Relative humidity, 84 7 a. m. 57 7 p. m.

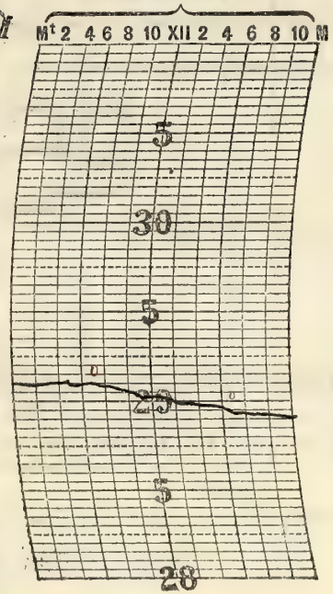
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.0 Wet temperature, 64.7
Dew-point, 58 R. humidity, 54 V. pressure, .482
Clouds: Amount, 2; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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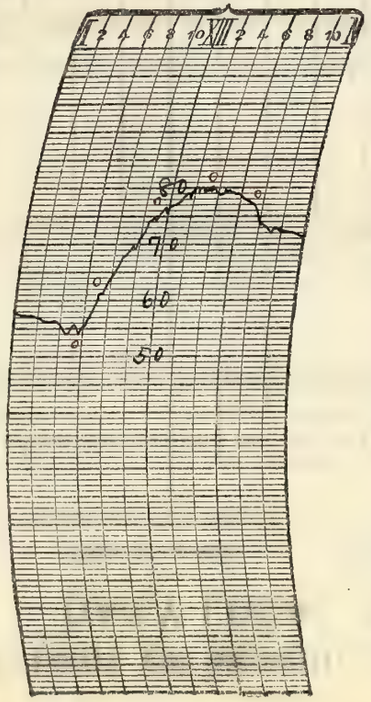


NOTES.

Heavy deposit of dew in the morning.
The day was clear until the middle of the afternoon. Cloudy at night but clearing somewhat about 9 p.m.
Increasing temperature.

Prepared by J.E.R.
Verified by P. McDonough

S—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 18 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	69	67	62	61	62	63	64	65	65	67	70
State of weather. Nature of precipitation and time of beginning and ending	RB 12:30	RE 1:20										
Amounts of precipitation	.09	T										
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, Character,	4:08 Cloudy											
Moonrise:	8:46p Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	S	NW	NW	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	8	6	6	12	9	7	6	6	10	13	9	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73	75	75	76	75	73	71	70	68	67	66
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy				×	Pt cldy →						
Sunset: Time, Character,									7:15 Cloudy			
Moonset:									5:48a Cloudy			
Sunshine (in tenths of hours)	0.9	0.8	0.5	0.1	0.3	0	0	0				
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	10	6	6	7	7	6	8	7	6	7	8	7

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

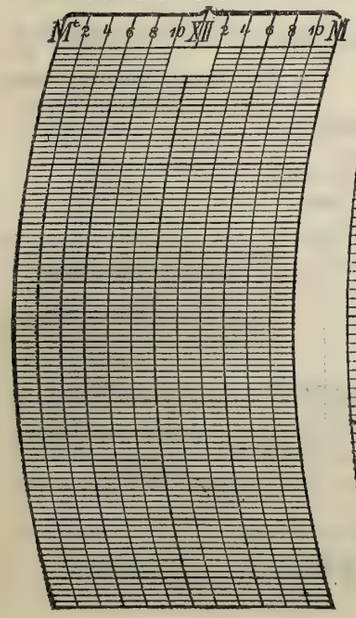
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	61	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .09 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 17
Prevailing wind direction, E Total wind 184
Average hourly velocity, 7.7 Extreme velocity, 17
Maximum velocity, 15 Direction, NE
Time began, 3:16 a.m
Reduced barometer, 29.91 7a. m. 29.87 7p. m.
River gage, 49
Relative humidity, 95 7a. m. 78 7p. m.

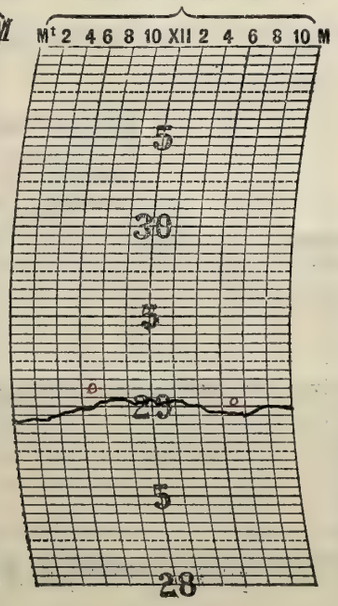
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.5 Wet temperature, 65.3
Dew-point, 63 R. humidity, 80 V. pressure, .575
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

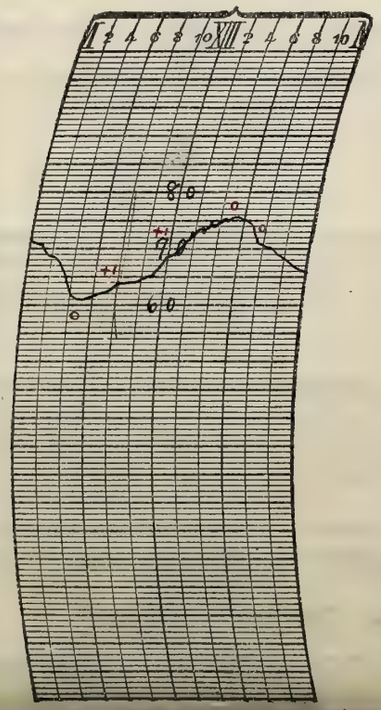
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began at 12:30 p.m and ended at 1:20 a.m
Lower clouds prevailed during the greater part of the day. The clouds became thinner during the evening and the sky cleared somewhat. Moon and stars visible at intervals.
Temperatures moderate

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 19 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	63	62	65	72	77	81	84	85	86	87	88	89	90	90	89	87	83	82	80	79	78
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Pt cloudy		×	cloudy		×	Pt cldy		×	clear		→			
Sunshine (in tenths of hours)					0	0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	1.0 0	2.7 0				
Wind direction	E	E	E	E	E	E	SE	S	S	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	6	5	6	6	5	4	7	12	14	15	17	18	19	20	20	15	12	11	11	12	11	11	13
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 9:36p Clear

Sunset: Time, 7:16 Character, Clear
Moonset: 6:54a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

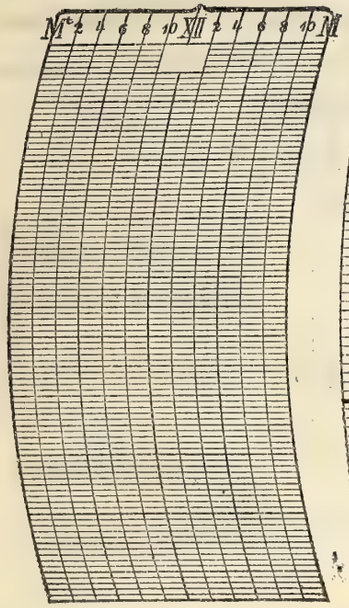
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	62	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 12.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 80
Prevailing wind direction, SW Total wind 274
Average hourly velocity, 11.4 Extreme velocity, 31
Maximum velocity, 26 Direction, S
Time began, 2:59 p.m.
Reduced barometer, 29.84 7 a. m. 29.72 7 p. m.
River gage, 4.5 feet
Relative humidity, 84 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.0 Wet temperature, 77.0
Dew-point, 74 R. humidity, 67 V. pressure, .838
Clouds: Amount, 7; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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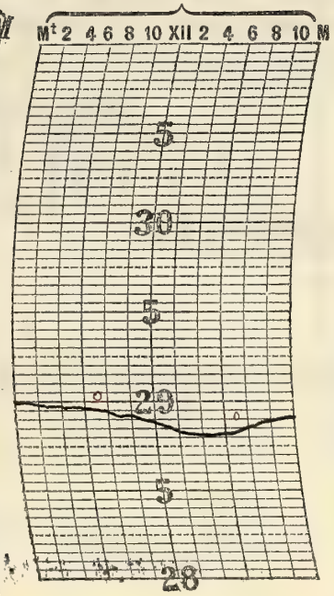
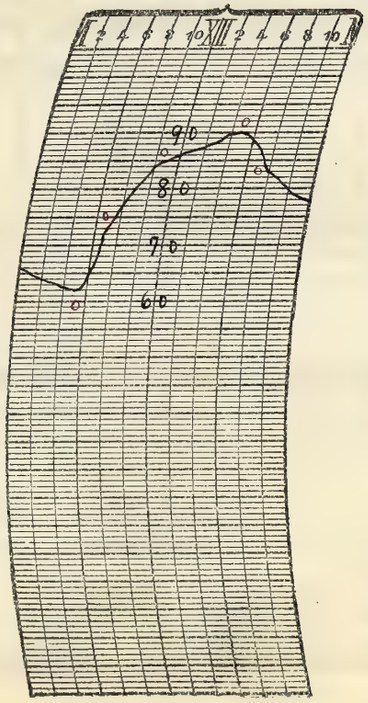


THERMOGRAPH.



NOTES.

Upper clouds prevailed except for a while during the middle of the when lower clouds were rather heavy. Clear into the night.

The temperature rose quite rapidly and reached 90°, the highest temperature of the season. High temperatures continued past midnight.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 20 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	76	76	75	75	77	80	82	84	85	86	90	90	90	90	89	84	67	68	68	68	69	68
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:48	- - - -		RE 9:00			
Amounts of precipitation																		T	.30	.18	.08			
Cloudiness and other conditions					← Clear			×							Cloudy						→			
Sunrise: Time, Character	4:09 Clear																							
Moonrise	10:18 p Cloudy																							
Sunset: Time, Character																					7:16 Cloudy			
Moonset																					8:02 a Cloudy			
Sunshine (in tenths of hours)					.85 0	1.0 0	0.2 0.8	0.9	0.7	0.8	0.7	1.0	0.8	1.0	1.0	0.9	0.3	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	NW	SW	SW	SW	S	SW	SW	NW	NW	N	NW	NW	SW
Wind movement	11	11	9	9	7	9	12	14	12	11	9	7	6	9	13	14	12	14	24	12	8	6	6	5
Maximum velocities (exceeding 29 miles) direction and time																			34 NW 6:09					

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	66	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m. 1.6 ins.
Total precipitation, midnight to midnight, 1.56 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 11.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 73
Prevailing wind direction, SW Total wind 250
Average hourly velocity, 10.4 Extreme velocity, 38
Maximum velocity, 34 Direction, NW
Time began, 6:09 p.m.
Reduced barometer, 29.86 7 a. m. 29.94 7 p. m.
River gage, 5.2 feet
Relative humidity, 83 7 a. m. 100 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

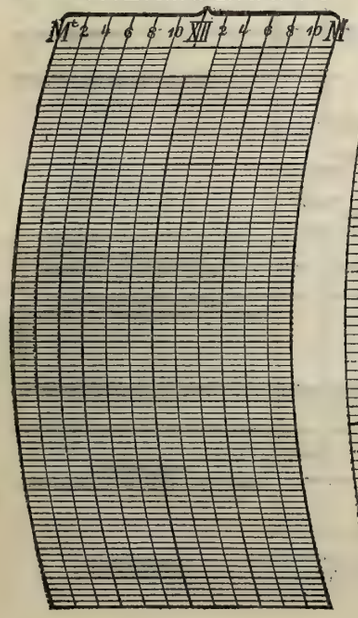
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

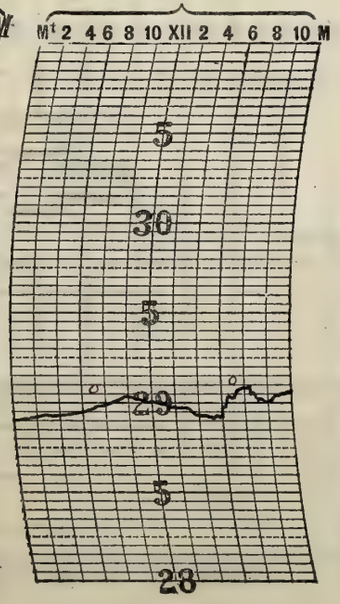
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.8 Wet temperature, 76.8
Dew-point, 74 R. humidity, 67 V. pressure, 838
Clouds: Amount, 5 3 ast; Kind, cu; Direction, SW NW
Velocity of clouds (miles per hour)

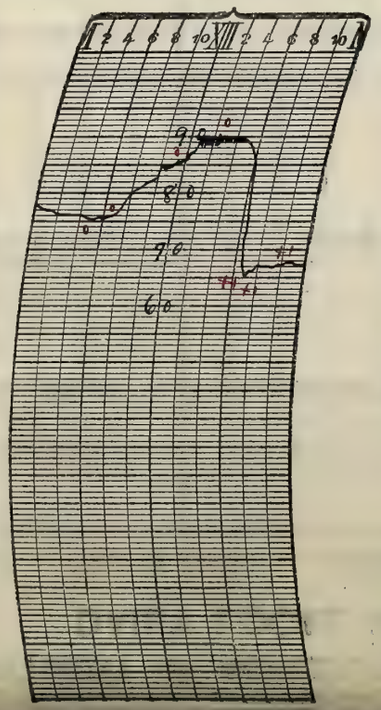
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began 5:45 p.m. and ended at 9:00 p.m.
The sky was clear for a while in the morning but cloudy the rest of the day. The day was sultry and hot with a temperature about 90° from 1:00 p.m. to 4:00 p.m. The temperature dropped sharply during the thunderstorm in the afternoon. Clearing after 9:00 p.m.
One prostration reported from the heat.
Some damage by lightning.

Prepared by OER
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 21 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	67	67	67	67	68	69	72	74	75	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy			×				
Sunshine (in tenths of hours)					0	0	0	0.4	0.9	1.0	1.0	1.0
Wind direction	SW	W	W	SW	W	W	NW	NW	N	NW	NW	NW
Wind movement	6	4	5	6	5	5	6	6	6	6	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	77	79	78	78	77	77	73	72	70	69	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear		→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0.3 0	0.5 0	.27 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	7	7	7	8	6	5	4	3	2	2	2

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: 10:56p Clear
Sunset: Time, 7:16 Character, Clear
Moonset: 9:10a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

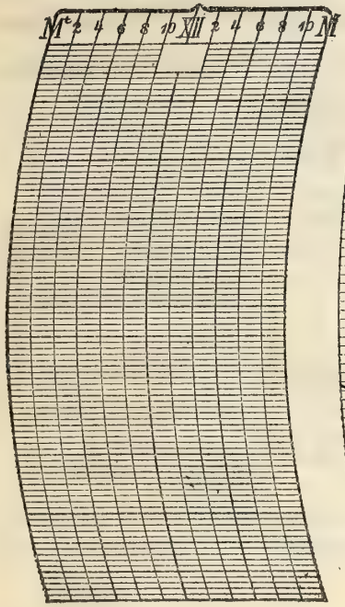
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	67	73	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .40 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.2 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 68
Prevailing wind direction, NW Total wind 128
Average hourly velocity, 5.3 Extreme velocity, 11
Maximum velocity, 11 Direction, NW
Time began, 4:24 p.m
Reduced barometer, 30.05 7 a. m. 30.08 7 p. m.
River gage, 6.5 feet
Relative humidity, 85 7 a. m. 57 7 p. m.

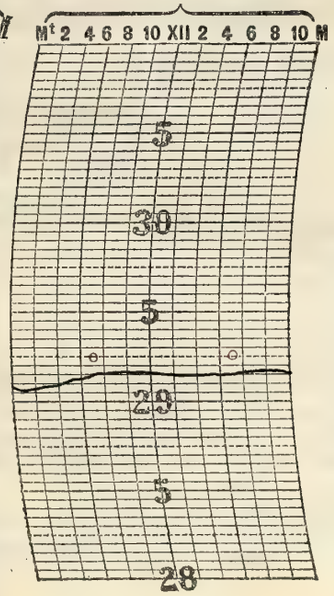
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.5 Wet temperature, 64.3
Dew-point, 58 R. humidity, 54 V. pressure, .482
Clouds: Amount, 1; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

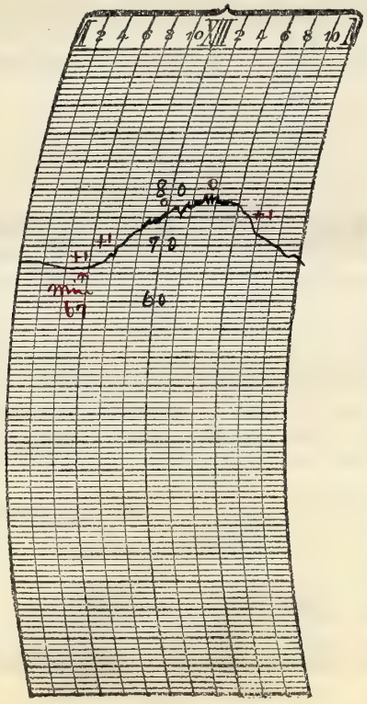
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Summer solstice (summer commences) 11 a.m.
The sky was cloudy in the morning and clear the remainder of the day and into the night.
A very pleasant summer day with a cooling northwest wind.

Prepared by E.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 22 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	64	63	65	71	75	77	78	80	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunshine (in tenths of hours)					85 0	1.0 0	0.1 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	O	W	W	SW	S	SE	S	S	SE
Wind movement	1	2	1	0	1	1	3	5	7	7	10	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	82	83	82	76	70	64	64	64	65	65	65
State of weather: Nature of precipitation and time of beginning and ending					RB 4:45 RE 5:00		RB 6:15	RE 7:15				
Amounts of precipitation					.05		.33	T				
Cloudiness and other conditions					× Pt cldy ×		Cloudy	→				
Sunshine (in tenths of hours)	1.0	0.3	0.9	0.6	0	0	0	0				
Wind direction	S	S	S	S	SE	S	NW	NE	S	S	SW	S
Wind movement	9	7	8	9	8	7	13	7	10	5	6	5
Maximum velocities (exceeding 29 miles) direction and time							39 NW 6:16					

Sunrise: Time, 4:09 Character, Clear
Moonrise: 11:28p Clear
Sunset: Time, 7:16 Character, Cloudy
Moonset: 10:15a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	63	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .35 ins.
Total precipitation, midnight to midnight, .38 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 70
Prevailing wind direction, S Total wind 139
Average hourly velocity, 5.8 Extreme velocity, 42
Maximum velocity, 39 Direction, NW
Time began, 6:16 p.m
Reduced barometer, 30.11 7 a. m. 29.97 7, p. m.
River gage, 6.4 feet
Relative humidity, 71 7 a. m. 100 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

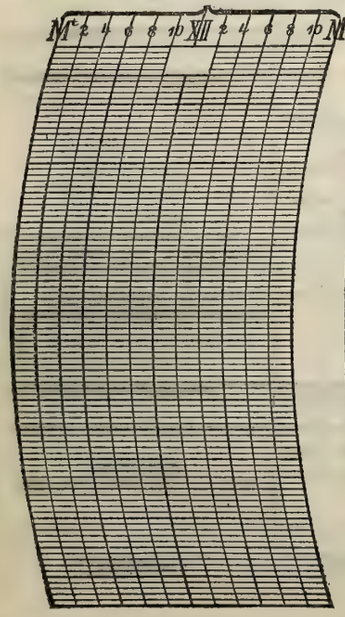
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

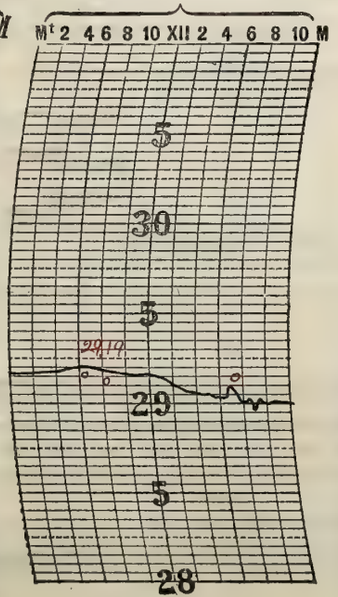
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.0 Wet temperature, 70.0
Dew-point, 65 R. humidity, 58 V. pressure, .616
Clouds: Amount, 3; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

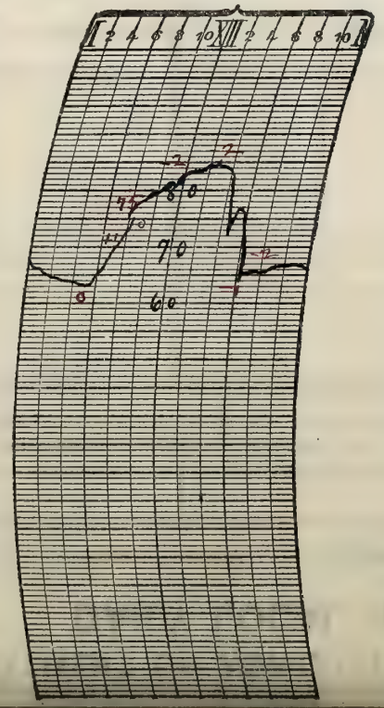
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm from south began at 4:40 p.m and ended at 7:15 p.m

Gradually increasing cloudiness from early morning till it became overcast late in the afternoon. The storm caused some damage by lightning and rain, especially to street car lines.

The sky was entirely clear about midnight.

Prepared by O.E.P.
Verified by F. McDonough

8—486

FORM NO. 1014—M6U'1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 23 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	63	64	65	67	71	74	76	77	78
State of weather: Nature of precipitation and time of beginning and ending				RB DN	—	RE DN						
Amounts of precipitation				0.5	T	T						
Cloudiness and other conditions					← Cloudy				—	Pt Cloudy		
Sunrise: Time, Character	4:09 Cloudy											
Moonrise	11:58 p Clear											
Sunshine (in tenths of hours)					0	0	0	0.6	1.0	1.0	1.0	0.9
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	S	NW	NW	NW
Wind movement	8	11	11	14	11	16	12	10	10	12	12	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	79	79	79	78	78	78	75	73	72	70	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	Cloudy	—			—	Pt Cloudy	→				
Sunset: Time, Character									7:17 Cloudy			
Moonset									11:16 a Cloudy			
Sunshine (in tenths of hours)	0.2	0.2	0.2	0.3	0	0	0.5	0				
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	10	10	10	6	6	4	4	4	5	6	6	5

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	63	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase, Last Quarter 8:16 p.m.
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 39
Prevailing wind direction, SW Total wind 213
Average hourly velocity, 8.9 Extreme velocity, 23
Maximum velocity, 21 Direction, W
Time began, 3:45 p.m.
Reduced barometer, 29.86 7 a. m. 29.97 7 p. m.
River gage, 7.3 feet
Relative humidity, 90 7 a. m. 73 7 p. m.

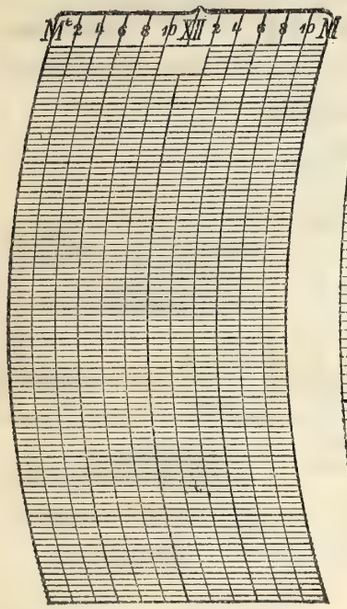
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

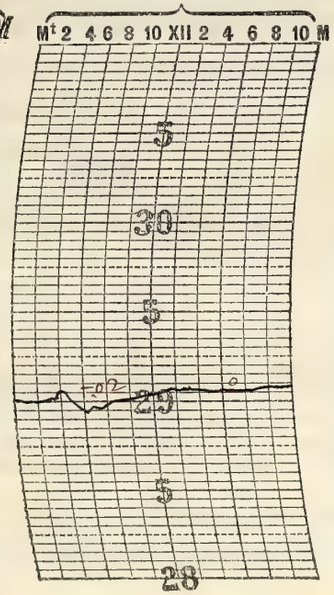
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.8 Wet temperature, 69.3
Dew-point, 66 R. humidity, 66 V. pressure, .638
Clouds: Amount, 6 ; Kind, Ci St ; Direction, W
Velocity of clouds (miles per hour)

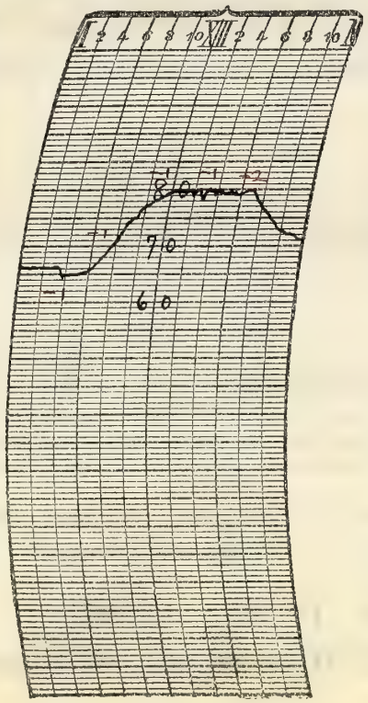
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began 3:40 a.m and ended 5:30 am.
22° Solar halo observed at 11:40 am.
Cloudy the greater part of the day with clearing after nightfall.
Moderate temperatures

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 24 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	67	67	66	66	67	70	72	74	75	78	80	80	79	78	80	80	79	79	77	76	70	68	67
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Cloudy						* Pt Cloudy		*	Cloudy	→			
Sunrise: Time, 4:10 Character, Cloudy																					Sunset: Time, 7:17 Character, Cloudy			
Moonrise: —																					Moonset: 12:17p Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.5	0.8	0	0	0.6	0.3	0	0	0.2	0.6	0	0	0				
Wind direction	SW	W	SW	SW	SW	NW	SW	NW	N	NW	SE	S	SW	SW	S	S	S	SW	S	S	SW	NE	NE	E
Wind movement	6	4	6	3	3	3	3	4	6	4	2	7	11	13	10	9	11	11	7	5	7	9	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 3.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 20
Prevailing wind direction, SW Total wind 157
Average hourly velocity, 6.5 Extreme velocity, 19
Maximum velocity, 17 Direction, SW
Time began, 1:27 p m.
Reduced barometer, 30.02 7 a. m. 29.85 7 p. m.
River gage, 8.7 feet
Relative humidity, 93 7 a. m. 68 7 p. m.

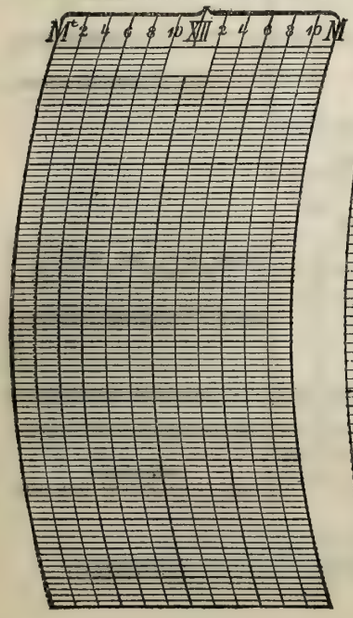
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

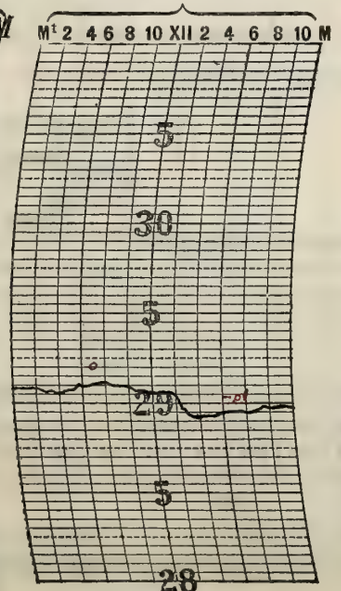
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.5 Wet temperature, 71.8
Dew-point, 68 R. humidity, 69 V. pressure, .684
Clouds: Amount, 6 a St; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

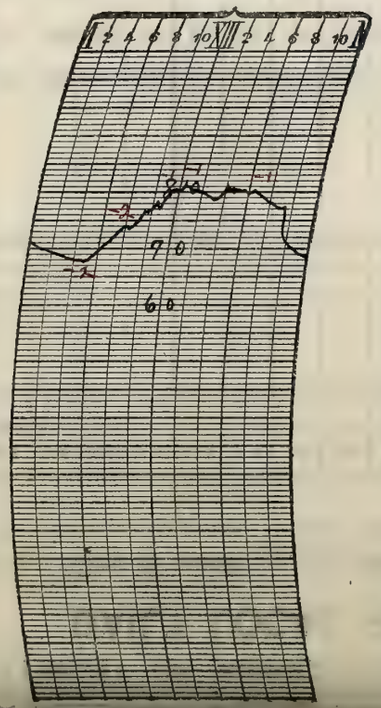
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy the greater part of the day. Moderate temperatures.

Prepared by O.E.R.
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 25 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	62	62	64	64	65	65	67	70	70	70	72	73	73	75	76	76	75	74	71	70	69	67	66
State of weather: Nature of precipitation and time of beginning and ending	RB DN	-	-	-	-	RE DN						RB 11:00 RE 11:15												
Amounts of precipitation	.05	1.19	.06	T	.04	.01						T												
Cloudiness and other conditions	← Cloudy											X	Pt cldy			X			Clear →					
Sunshine (in tenths of hours)					0	0	0	0.2	0.5	0.1	0	0.8	1.0	0.8	0.6	0.9	1.0	0	0.5	0				
Wind direction	E	N	N	E	NW	W	NW	N	NW	NW	N	N	N	NE	NE	NE	N	NE	N	NE	NE	S	S	NW
Wind movement	9	7	7	8	7	4	6	8	6	7	9	7	9	8	7	6	7	5	4	1	3	4	3	1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:10 Character, Cloudy
Moonrise: 12:28a Cloudy
Sunset: Time, 7:17 Character, Cloudy
Moonset: 1:17p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	DNa	DNa	1.35	1:03 ~~1:10a~~	1:35a	0.06 ~~0.01~~	.10 ~~0.05~~	.29 ~~0.07~~	.55 ~~0.11~~	.90 ~~0.20~~	1.01 ~~0.27~~	1.10	1.12						

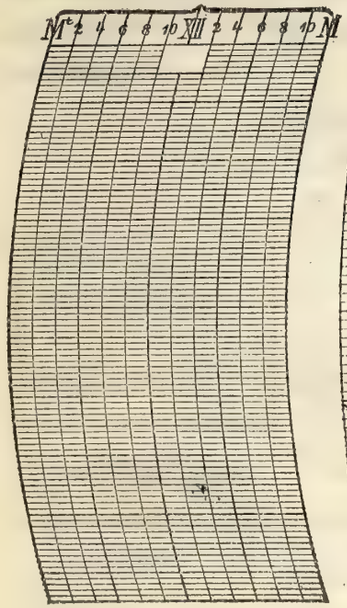
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	62	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.35 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 1.35 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.4 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 42
Prevailing wind direction, N Total wind 143
Average hourly velocity, 6.0 Extreme velocity, 21
Maximum velocity, 15 Direction, NW
Time began, 1:08 a m
Reduced barometer, 29.92 7 a. m. 29.99 7, p. m.
River gage, 10.9 feet
Relative humidity, 95 7 a. m. 56 7 p. m.

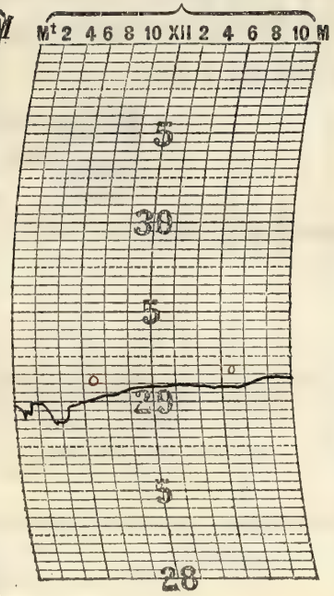
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.3 Wet temperature, 66.1
Dew-point, 63 R. humidity, 72 V. pressure, .575
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

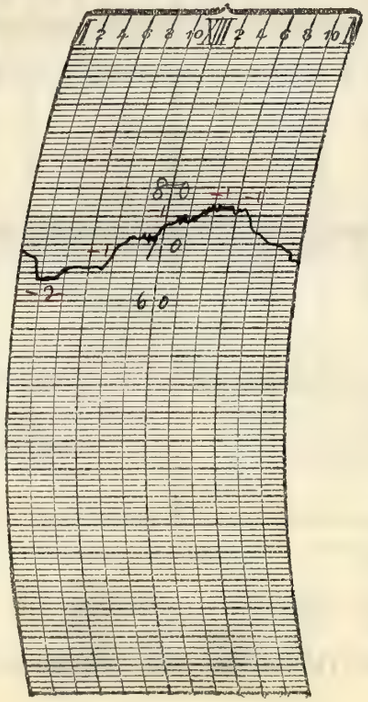
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began 12:30 a.m and ended 2:30 a.m.
Excessive precipitation occurred during the thunderstorm in the early morning. Gradually decreasing cloudiness during the day. Clear into the night. Moderate temperatures.

Prepared by OER
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 26 1924, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	64	63	62	65	65	69	71	74	74	76	78	77	79	77	77	76	75	72	70	69	69	67
State of weather: Nature of precipitation and time of beginning and ending											RB 10:50 RE 10:55									RB 7:30			RE DN	
Amounts of precipitation											T									T	.02	.02	T	
Cloudiness and other conditions					←		Cloudy	×	Pt Cldy	×	Cldy	× Pt Cldy	×			Cloudy								→

Sunrise: Time, 4:10 Character, Cloudy
Moonrise: 12:56a Cloudy
Sunset: Time, 7:17 Character, Cloudy
Moonset: 2:14p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0.3	1.0	0.3	0.5	0.9	0.6	0.2	0	0	0	0	0				
Wind direction	NW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	S	S	SW	SW	S	S	S	S	SE	SE	S	S
Wind movement	1	2	2	1	1	3	5	6	6	6	7	6	5	9	7	6	5	2	2	4	3	2	4	1
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

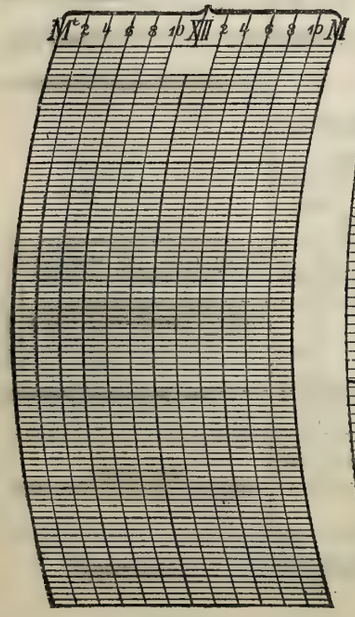
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 25
Prevailing wind direction, SW Total wind 96
Average hourly velocity, 4.0 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 1:28 p. m.
Reduced barometer, 30.08 7 a. m. 29.95 7 p. m.
River gage, 11.7 feet
Relative humidity, 89 7 a. m. 63 7 p. m.

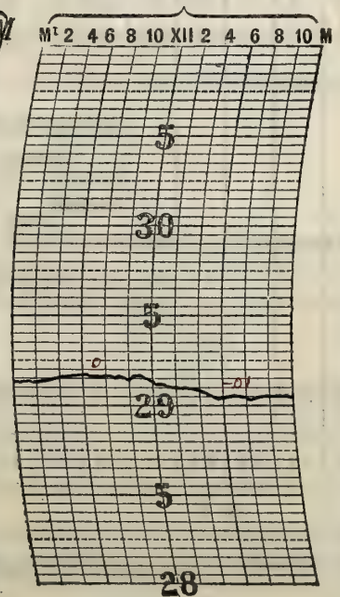
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.9 Wet temperature, 64.8
Dew-point, 59 R. humidity, 55 V. pressure, 499
Clouds: Amount, 5/1; Kind, a cu/cu; Direction, SW/W
Velocity of clouds (miles per hour)

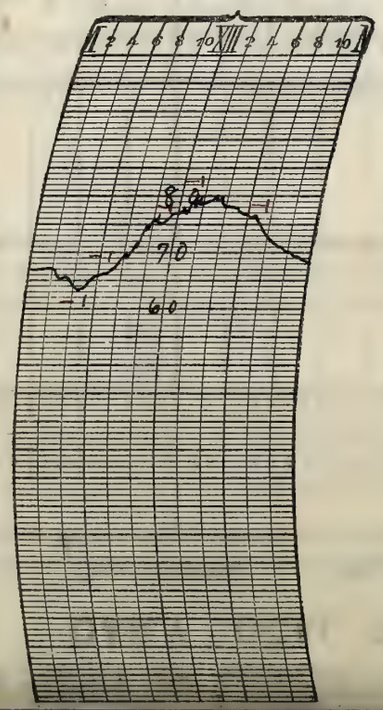
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy during the greater part of the day with a light rain after nightfall.

Prepared by O.E.R.

Verified by W. McDonough

FORM NO. 1012—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 27 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	64	64	65	66	70	73	74	77	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear ×							
Sunshine (in tenths of hours)					0	0	0	0.7	0.4	0.6	0.7	0.8
Wind direction	S	SE	SE	S	S	S	S	SW	SW	W	NW	SW
Wind movement	2	2	4	4	3	3	6	5	3	4	4	6

Sunrise: Time, 4:11; Character, Clear. Moonrise: 1:26 a; Cloudy.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	80	79	79	79	77	75	74	73	72	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cloudy →					
Sunshine (in tenths of hours)	1.0	0.9	0.4	0.2	0.5	0	0	0				
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	8	8	11	10	9	6	5	5	4	6	4

Sunset: Time, 7:17; Character, Cloudy. Moonset: 3:11 p; Cloudy.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

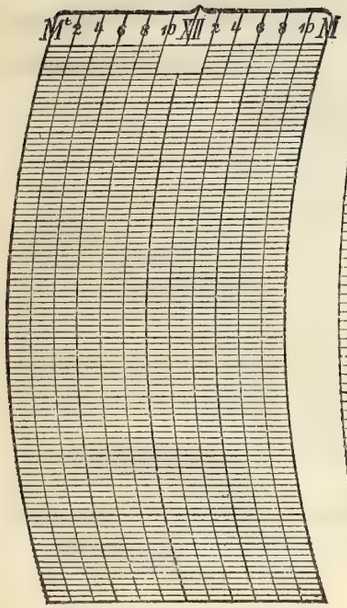
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy. Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.6. Possible sunshine, hours, 15.1
Per cent of possible sunshine, 57
Prevailing wind direction, SW. Total wind 128
Average hourly velocity, 5.3. Extreme velocity, 14
Maximum velocity, 14. Direction, SW
Time began, 3:55 p m
Reduced barometer, 29.98 7 a. m. 29.91 7, p. m.
River gage, 8.3 feet
Relative humidity, 90 7 a. m. 68 7 p. m.

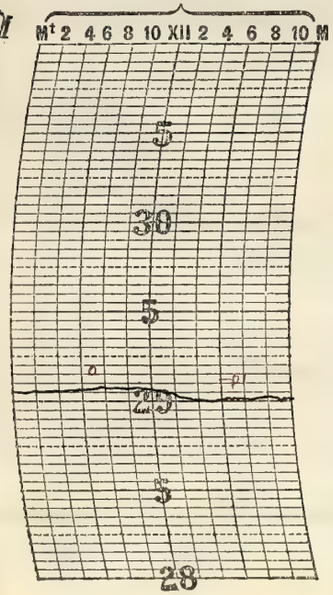
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.5. Wet temperature, 66.8
Dew-point, 61. R. humidity, 57. V. pressure, .536
Clouds: Amount, 7; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

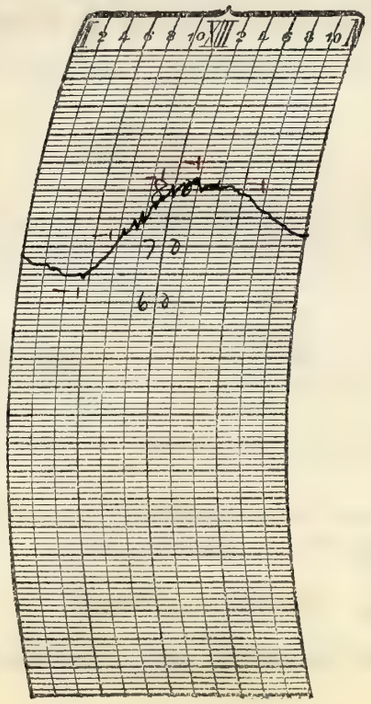
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderate temperatures

Prepared by E.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 28 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	69	69	70	69	69	69	68	74	78	82
Nature of precipitation and time of beginning and ending							RB 6:12	--	—	RE 9:15		
Amounts of precipitation							.14	.22	.13	T		
Cloudiness and other conditions					← Cloudy						×	Pt Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	85	86	86	84	80	72	75	74	74	72	71
Nature of precipitation and time of beginning and ending			RB 2:57 RE 3:00			RB 5:10	---	RE 7:05				
Amounts of precipitation			T			T	.05	T				
Cloudiness and other conditions	×				Cloudy			×	Clear →			

Sunrise: Time, 4:11 Character, Cloudy
Moonrise: 1:58 a Cloudy
Sunset: Time, 7:17 Character, Cloudy
Moonset: 4:07 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	1.0	1.0
Wind direction	SW	S	S	S	S	S	S	SW	SW	S	S	SW
Wind movement	6	6	7	7	8	9	10	12	22	15	20	22
Maximum velocities (exceeding 29 miles) direction and time												30 SW 11:37

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	0.4	0.1	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW	SW
Wind movement	24	22	18	20	16	20	14	6	5	6	9	11
Maximum velocities (exceeding 29 miles) direction and time	31 SW 12:10											

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	66	76	

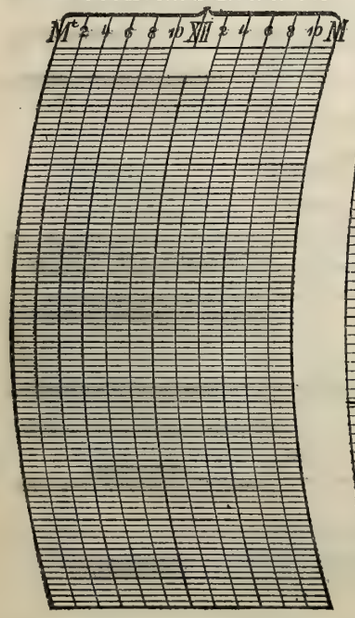
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m.; 12 ins.; to 7 p. m., 42 ins.
Total precipitation, midnight to midnight, 54 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.5 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 23
Prevailing wind direction, SW Total wind 315
Average hourly velocity, 13.1 Extreme velocity, 38
Maximum velocity, 31 Direction, SW
Time began, 12:10 P.M.
Reduced barometer, 29.80 7 a. m. 29.60 7 p. m.
River gage, 6.0 feet
Relative humidity, 85 7 a. m. 84 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

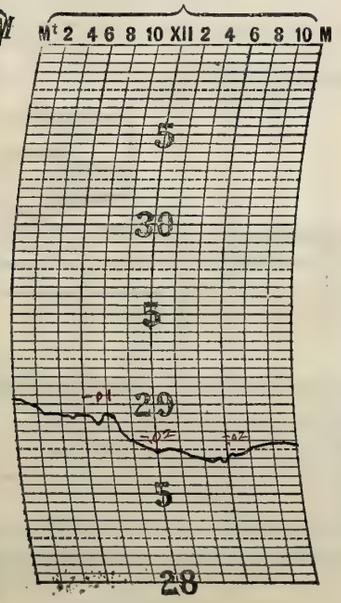
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.4 Wet temperature, 72.4
Dew-point, 68 R. humidity, 62 V. pressure, .684
Clouds: Amount, 3 3 Few; Kind, Ci St Cu Cu; Direction, W W S
Velocity of clouds (miles per hour)

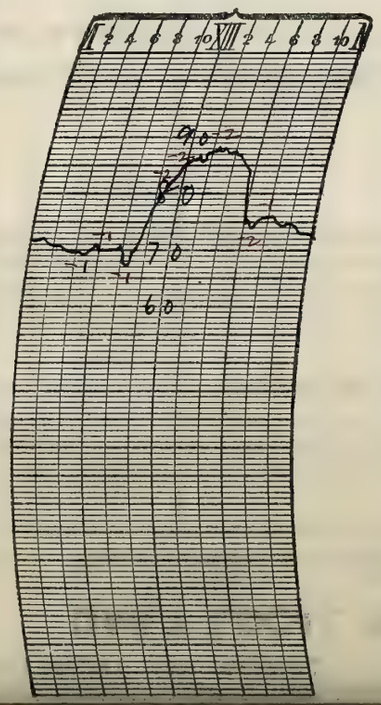
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began at 5:15 a.m. and ended at 9:15 a.m.
Chicago called for Special Observation, 12:00 noon (75th m.)
Thunderstorm began at 5:45 p.m and ended 7:05 p.m
Rainbow observed about 6:15 p.m. to 6:50 p.m
Primary arc complete and colors fairly distinguishable. A partial secondary arc faintly visible.
Mammato-Cumulus clouds observed about 6:50 p.m. — amount 1 to 2 tenths — disappeared suddenly about 7 p.m.
The day was mostly cloudy with a sharp rise in temperature in the forenoon and a sharp drop in the afternoon. Clearing after nightfall.

Prepared by O.E.R.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 29 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	70	69	69	65	62	61	60	62	63	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cldy	×	Clear	×			Cloudy	
Sunshine (in tenths of hours)					0	0	0.1	0.1	0	0.1	0.1	0
Wind direction	SW	W	W	W	NW	NW	W	W	NW	NW	NW	NW
Wind movement	12	10	10	11	15	19	19	17	17	16	14	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	67	68	69	68	68	67	63	61	60	60	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy	×		Pt cldy	×	Clear				
Sunshine (in tenths of hours)	0	0	0.8	0.4	0.5	0.6 0	1.0 0	0.8 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	W
Wind movement	14	15	15	14	14	12	8	6	6	5	7	6

Sunrise: Time, 4:11; Character, Cloudy. Moonrise: 2:33a Cloudy?

Sunset: Time, 7:17; Character, Clear. Moonset: 5:03p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	58	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 4.0 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 26

Prevailing wind direction, NW Total wind 299

Average hourly velocity, 12.5 Extreme velocity, 27

Maximum velocity, 24 Direction, W

Time began, 5:37 am

Reduced barometer, 29.79 7 a. m. 30.02 7 p. m.

River gage, 9.4 feet

Relative humidity, 81 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

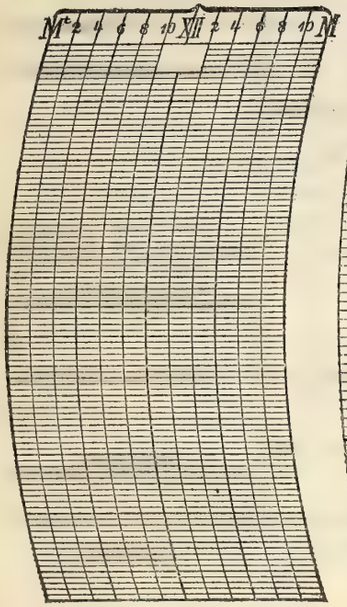
Dry temperature, 63.0 Wet temperature, 59.8

Dew-point, 58 R. humidity, 83 V. pressure, 482

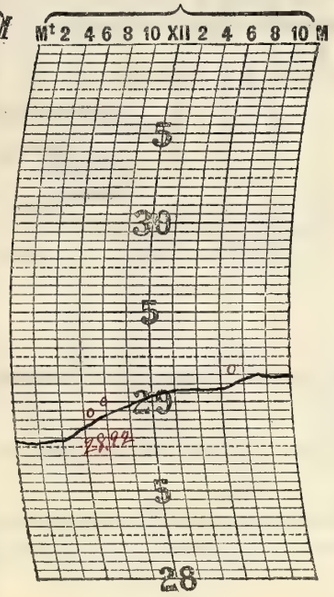
Clouds: Amount, 9; Kind, cu; Direction, NW

Velocity of clouds (miles per hour)

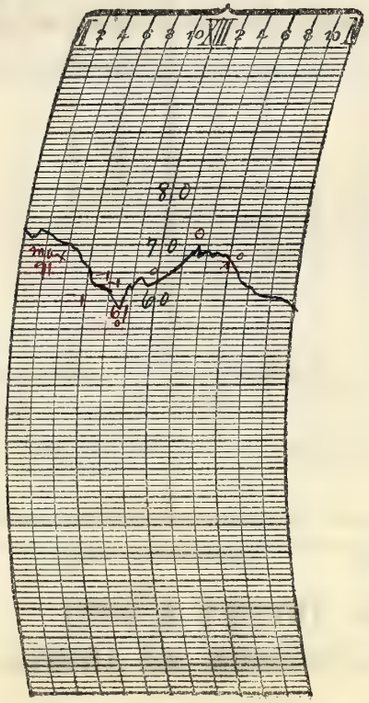
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderate west and northwest winds. Cool for the season

Prepared by OER

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 30 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	56	55	55	58	61	64	67	68	69	68
State of weather: Nature of precipitation and time of beginning and ending												RB 11:50 RE 11:55
Amounts of precipitation												T
Cloudiness and other conditions					←	Clear				—	×	Cloudy
Sunrise: Time, Character, 4:12 Clear												
Moonrise: 3:12 a Clear												
Sunshine (in tenths of hours)					8.0 0	1.0 0	0.6 0	0.7	1.0	0.9	0.6	0.5
Wind direction	W	W	W	SW	SW	SW	W	W	NW	W	NW	NW
Wind movement	4	5	6	7	8	6	6	7	9	10	13	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	68	67	66	65	64	61	59	59	57	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy	×	—			Clear			→			
Sunset: Time, Character, 7:17 Clear												
Moonset: 5:55 p Clear												
Sunshine (in tenths of hours)	0.2	0.7	0.8	1.0	0	0.6 0	1.0 0	2.8 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	14	16	17	16	16	14	10	6	5	5	2	3
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	55	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.7 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 71
Prevailing wind direction, NW Total wind 220
Average hourly velocity, 9.2 Extreme velocity, 22
Maximum velocity, 21 Direction, NW
Time began, 2:48 p m
Reduced barometer, 30.08 7 a. m. 30.07 7, p. m.
River gage, 10.7 feet
Relative humidity, 79 7 a. m. 55 7 p. m.

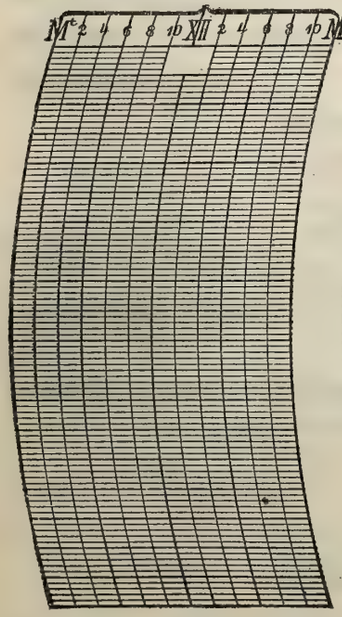
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

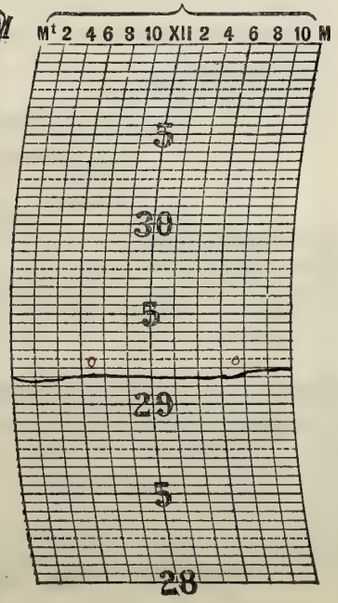
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.8 Wet temperature, 58.3
Dew-point, 52 R. humidity, 57 V. pressure, .387
Clouds: Amount, 8; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

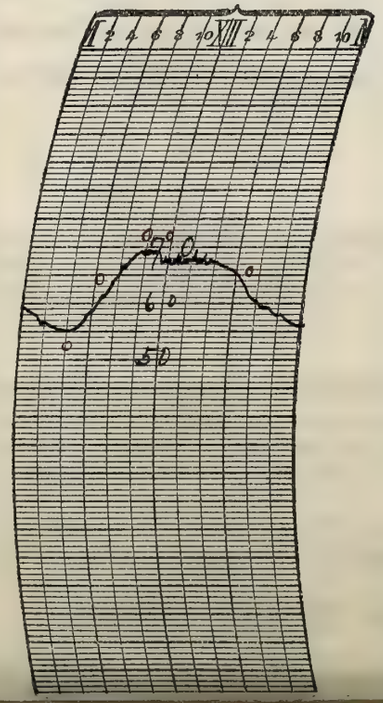
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was clear in the morning and again in the late afternoon and evening. Cloudy during the middle of the day with a light sprinkling of rain. This day is the only one recorded as "clear" during the month of June.
Rather cool for the season

Prepared by O.E.R.
Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 1 1924, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	53	52	51	52	54	58	60	61	62	64	65	66	66	68	67	66	63	60	58	58	58	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear					×	Cldy ×				Pt Cldy ×				Clear →					
Sunshine (in tenths of hours)					.80 0	1.0 0	1.0 0	0.9	1.0	0.3	0.3	0.4	0.6	0.6	0.5	0.8	0.8	0	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	NW	N	N	NW	NW	NW	NW	N	NW	N	N	N
Wind movement	3	4	5	6	5	9	7	9	11	10	10	10	9	9	8	7	8	8	9	8	8	6	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:12 Character, Clear
Moonrise: 3:55a Clear
Sunset: Time, 7:17 Character, Cloudy
Moonset: 6:45p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

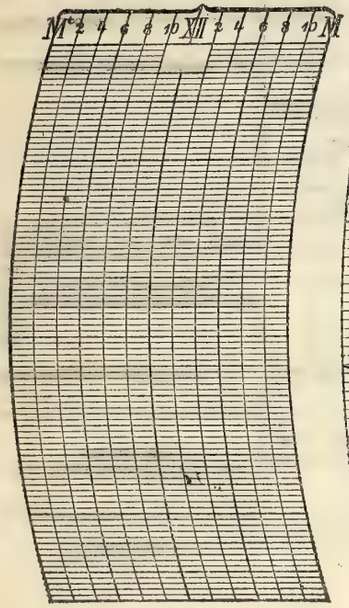
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	51	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, New moon 11:35 p.m.
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 60
Prevailing wind direction, NW Total wind 177
Average hourly velocity, 7.4 Extreme velocity, 14
Maximum velocity, 14 Direction, NW
Time began, 11:51 a m
Reduced barometer, 30.16 7 a. m. 30.17 7 p. m.
River gage, 10.2 feet
Relative humidity, 80 7 a. m. 65 7 p. m.

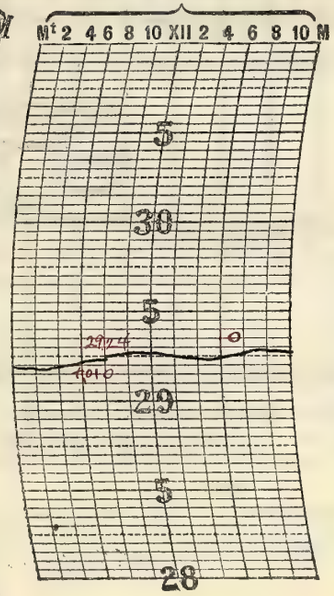
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.9 Wet temperature, 52.5
Dew-point, 43 R. humidity, 49 V. pressure, .277
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

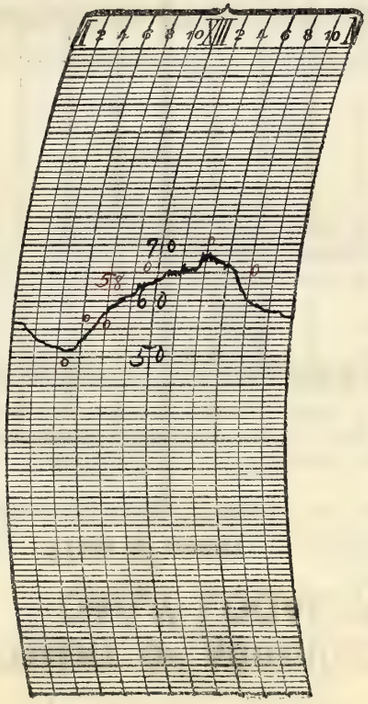
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with cool temperatures.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 2 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	53	52	52	53	56	58	62	64	66	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy					× Cloudy		
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.3	0.4
Wind direction	N	N	N	N	NE	NE	E	E	E	NE	E	E
Wind movement	5	5	7	6	6	5	6	4	5	3	7	5

Sunrise: Time, 4:13 Character, Cloudy
Moonrise: 4:42a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	58	59	58	60	62	61	59	57	57	56	54
State of weather: Nature of precipitation and time of beginning and ending	RB 12:45	RE R+HG 1:05 R+HE RB 1:15			RE 4:10							
Amounts of precipitation	T	.10	T	.02	T							
Cloudiness and other conditions	Cloudy					× Clear			→			
Sunshine (in tenths of hours)	0	0	0	0	0	0.5 0	0.8 0	0				
Wind direction	NE	NW	NW	S	S	SE	SE	SE	N	N	N	N
Wind movement	7	11	9	8	7	4	2	4	3	3	3	3

Sunset: Time, 7:17 Character, Cloudy
Moonset: 7:32p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

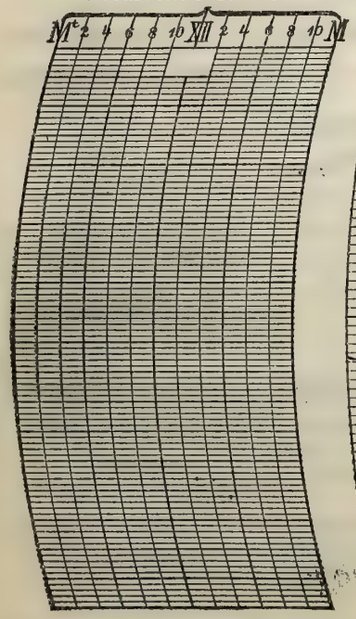
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	52	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .12 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 13
Prevailing wind direction, N Total wind 128
Average hourly velocity, 5.3 Extreme velocity, 15
Maximum velocity, 15 Direction, NW
Time began, 1:10 p.m.
Reduced barometer, 30.247 a. m. 30.257, p. m.
River gage, 9.0 fall
Relative humidity, 83 7 a. m. 68 7 p. m.

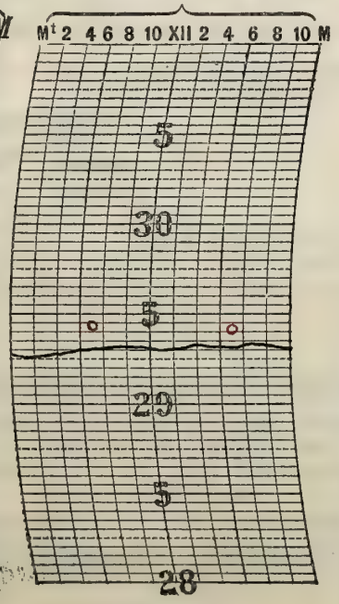
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.0 Wet temperature, 57.2
Dew-point, 50 R. humidity, 55 V. pressure, .360
Clouds: Amount, 8; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

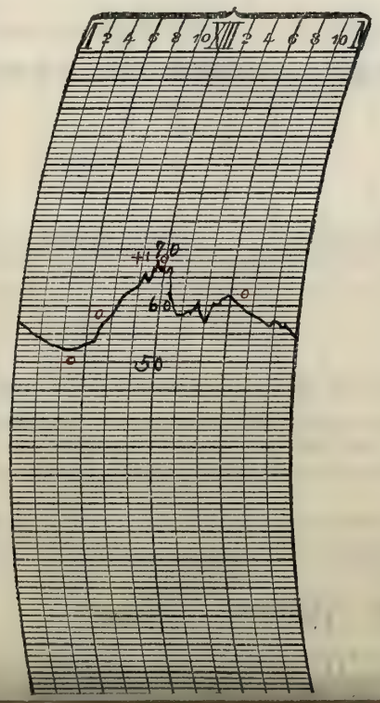
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm began 1:10 p.m. and ended 4:10 p.m. Hail the size of peas fell with the rain from 1:05 p.m. to 1:15 p.m. According to reports the fall of hail was quite heavy and the stones of larger size in the north and east sectors of the city. No damage reported.
Partial arc of rainbow visible at 6:55 p.m.
Temperatures continued low.

Prepared by OER
Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 3 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	52	52	52	54	57	63	65	67	68	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							→
Sunshine (in tenths of hours)					0 (.78)	0 (1.0)	0 (1.0)	0.8 (0.2)	1.0	0.8	0.8	0.7
Wind direction	N	N	N	N	N	NE	NE	NE	NE	N	N	N
Wind movement	4	3	3	4	4	4	4	3	6	6	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	72	69	69	67	66	65	63	60	58	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt	Cldy	→								
Sunshine (in tenths of hours)	0.8	0.5	0.8	0	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	W	NW	NW
Wind movement	6	7	8	9	7	11	4	3	4	4	4	4

Sunrise: Time, 4:13 Character, Clear
Moonrise: 5:35 a Clear
Sunset: Time, 7:17 Character, Cloudy
Moonset: 8:15 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

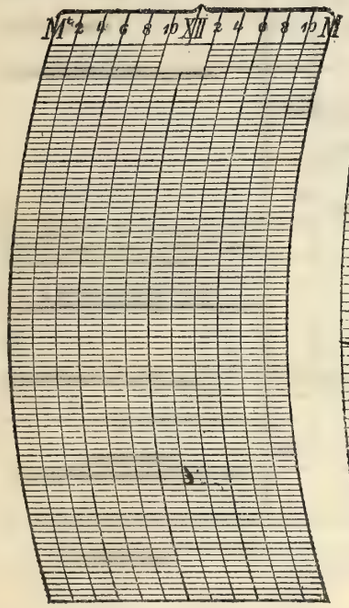
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.2 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 61
Prevailing wind direction, NE Total wind 125
Average hourly velocity, 5.2 Extreme velocity, 14
Maximum velocity, 14 Direction, NE
Time began, 5:02 p. m.
Reduced barometer, 30.27 7 a. m. 30.20 7, p. m.
River gage, 9.3 feet
Relative humidity, 82 7 a. m. 58 7 p. m.

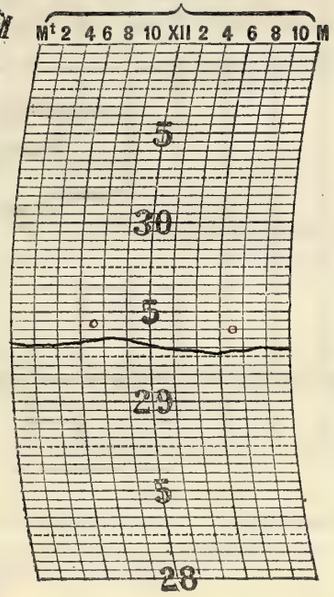
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.0 Wet temperature, 58.3
Dew-point, 51 R. humidity, 52 V. pressure, .373
Clouds: Amount, 4; Kind, cu; Direction, N
Velocity of clouds (miles per hour)

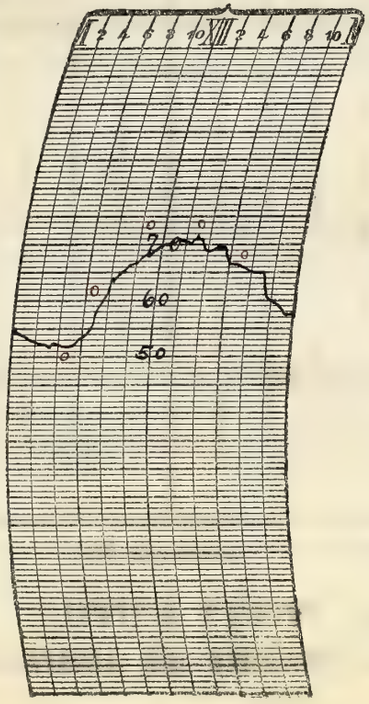
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy deposit of dew in early morning.
The sky was clear during the morning and partly cloudy in afternoon. Temperature slightly higher than on the previous date.

Prepared by OEP
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) JUL 4 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	54	54	57	61	66	68	69	70	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear				×	Pt
Sunshine (in tenths of hours)					77 0	1.0 0	1.0 0	0.2 0.5	1.0	1.0	0.8	0.5
Wind direction	NW	N	N	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	4	3	5	5	4	3	5	7	9	11	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	74	72	73	72	72	71	68	67	64	62	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy				×		Clear		→			
Sunshine (in tenths of hours)	0.5	0.8	0.5	0.5	0	0.5 0	1.0 0	0				
Wind direction	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	8	9	8	9	6	6	2	1	2	3	4

Sunrise: Time, 4:14 Character, Clear
Moonrise: 6:30a Clear
Sunset: Time, 7:16 Character, Cloudy
Moonset: 8:55p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

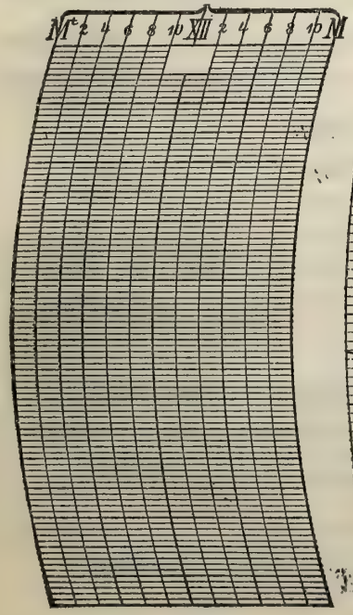
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 71
Prevailing wind direction, NE Total wind 141
Average hourly velocity, 5.9 Extreme velocity, 14
Maximum velocity, 13 Direction, NE
Time began, 9:13 a.m
Reduced barometer, 30.25 7 a. m. 30.17 7, p. m.
River gage, 8.6 feet
Relative humidity, 71 7 a. m. 48 7 p. m.

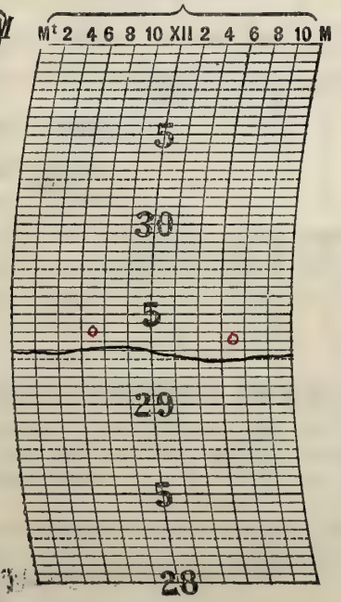
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.2 Wet temperature, 60.0
Dew-point, 53 R. humidity, 52 V. pressure, 402
Clouds: Amount, 1/4; Kind, cu ast; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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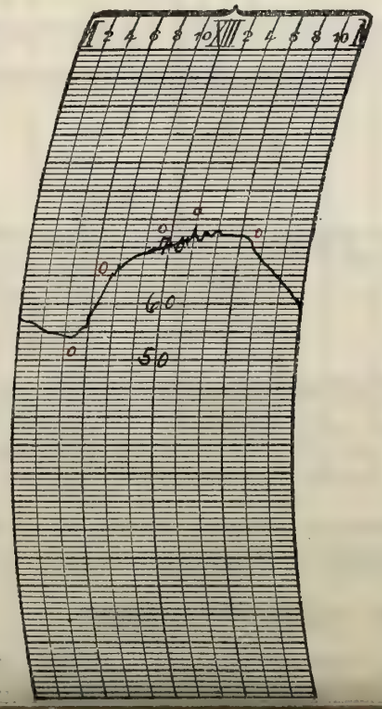


NOTES.

A clear day with moderate temperatures.
Crescent of new moon visible.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 5 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	57	55	58	61	66	70	73	73	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunrise: Time, Character	4:15 Clear											
Moonrise	7:29 a Clear											
Sunshine (in tenths of hours)					0.75 0	1.0 0	0.75 0.5	1.0 1.0	1.0	1.0	1.0	0.9
Wind direction	N	N	N	N	N	N	E	NE	NE	E	N	NE
Wind movement	3	4	4	3	3	3	5	3	5	4	6	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	77	76	76	76	75	73	70	69	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunset: Time, Character									7:16 Clear			
Moonset									9:31 p Cloudy			
Sunshine (in tenths of hours)	0.9	0.8	0.6	1.0	0.7	0.7 0	1.0 0	0.7 0				
Wind direction	N	NE	N	N	NE	E	E	E	E	E	E	NE
Wind movement	6	6	6	5	5	6	3	3	2	2	3	4
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 91
Prevailing wind direction, N Total wind 100
Average hourly velocity, 4.2 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 1:45 p.m.
Reduced barometer, 30.237 a. m. 30.167 p. m.
River gage, 6.6 fall
Relative humidity, 68 7 a. m. 44 7 p. m.

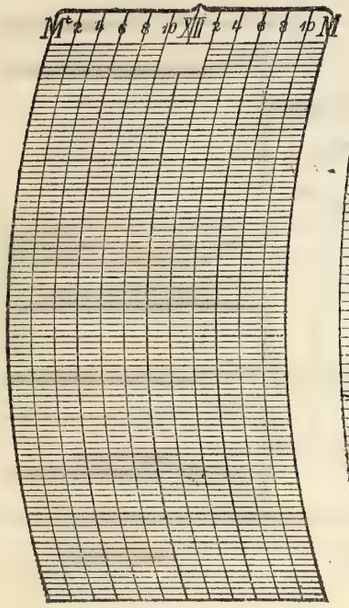
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

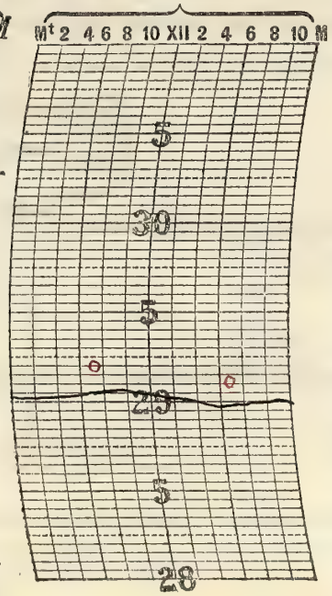
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.5 Wet temperature, 60.0
Dew-point, 50 R. humidity, 42 V. pressure, 360
Clouds: Amount, 2; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

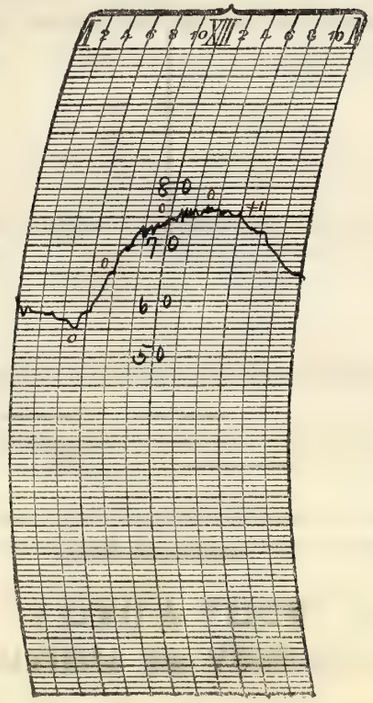
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

By observation
a clear day with moderate temperatures. Wind velocities light.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 6 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	62	62	62	63	63	66	67	71	74
Nature of precipitation and time of beginning and ending							RB 6:10 RE 6:30 RB 6:55	RE 7:15				
Amounts of precipitation							T	T				
Cloudiness and other conditions							← Cloudy				×	Pt Cldy
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.7	0.9
Wind direction	NE	E	NE	E	E	E	E	E	NE	NE	NE	NE
Wind movement	6	4	5	6	8	4	1	3	4	5	5	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	74	73	72	71	70	69	68	67	66	66
Nature of precipitation and time of beginning and ending									RB DN	RE DN		
Amounts of precipitation									T	T		
Cloudiness and other conditions	Cldy ×				Cloudy					→		
Sunshine (in tenths of hours)	0.8	0.8	0.2	0	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	E	E	E	NE	NE	NE	NE
Wind movement	9	10	9	11	8	7	6	6	5	5	5	5

State of weather.

Sunrise: Time, 4:15 Character, Cloudy
Moonrise: 8:30 a Cloudy

Sunset: Time, 7:16 Character, Cloudy
Moonset: 10:05 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																			

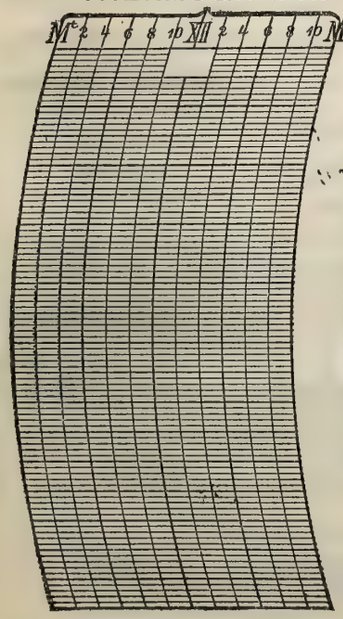
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	62	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.4 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 23
Prevailing wind direction, NE Total wind 145
Average hourly velocity, 6.0 Extreme velocity, 14
Maximum velocity, 13 Direction, NE
Time began, 1:42 p. m
Reduced barometer, 30.21 7 a. m. 30.11 7, p. m.
River gage, 5.0 feet
Relative humidity, 83 7 a. m. 78 7 p. m.

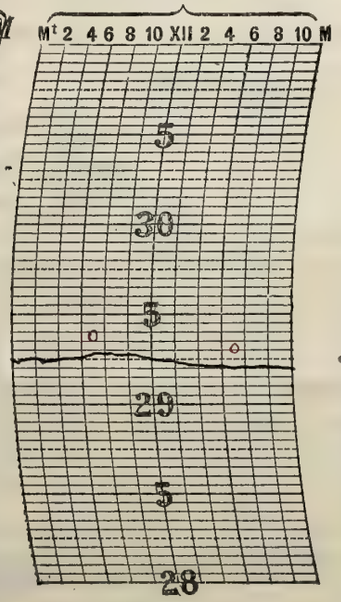
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.0 Wet temperature, 63.4
Dew-point, 58 R. humidity, 60 V. pressure, 4.82
Clouds: Amount, 3/4; Kind, cu a st; Direction, SW
Velocity of clouds (miles per hour)

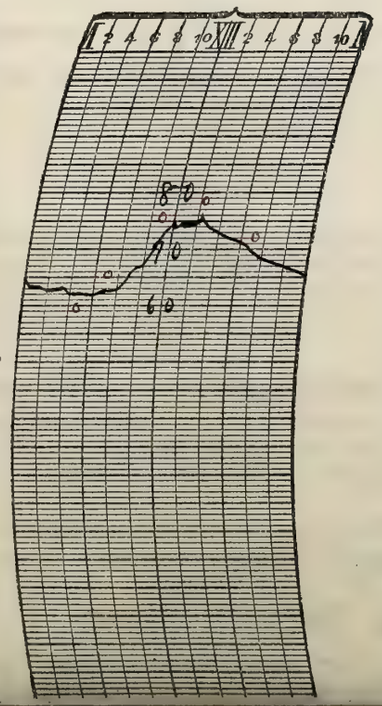
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy the greater part of the day with light rain in the early morning and again late at night. Moderate temperatures

Prepared by OGR.
Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 7 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	66	66	64	63	62	62	64	68	71	73
Nature of precipitation and time of beginning and ending					RB DN	–	–	– RE 7:55				
Amounts of precipitation					.09	.32	.06	.03				
Cloudiness and other conditions	← Cloudy										X 8+ Cldy X	
Sunshine (in tenths of hours)					0	0	0	0	0	0.4	1.0	1.0
Wind direction	NE	NE	NE	E	E	S	NW	N	N	NE	NE	SE
Wind movement	4	4	5	4	4	3	6	2	2	5	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	76	66	66	69	70	70	67	65	64	63	61
Nature of precipitation and time of beginning and ending			RB 2:30	RE 3.30								
Amounts of precipitation			T	.05								
Cloudiness and other conditions							X 8+ Cldy X		X Clear →			
Sunshine (in tenths of hours)	0.3	0.6	0.1	0.4	0.2	0	0	0				
Wind direction	SW	SW	NW	N	N	W	S	SE	SW	SW	S	S
Wind movement	6	6	12	5	1	4	4	4	4	2	5	4

State of weather.

Sunrise: Time, 4:16 Character, Cloudy
Moonrise: 9:32a Cloudy
Sunset: Time, 7:16 Character, Cloudy
Moonset: 10:37p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

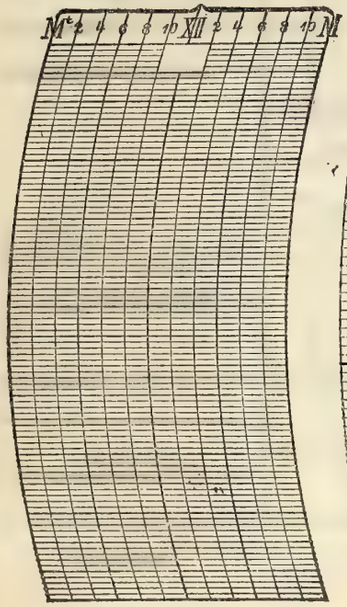
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	61	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .46 ins.; to 7 p. m., .09 ins.
Total precipitation, midnight to midnight, .55 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 27
Prevailing wind direction, NE Total wind 105
Average hourly velocity, 4.4 Extreme velocity, 22
Maximum velocity, 20 Direction, W
Time began, 2:20 p.m
Reduced barometer, 30.12 7 a. m. 30.09 7, p. m.
River gage, 4.3 feet
Relative humidity, 94 7 a. m. 72 7 p. m.

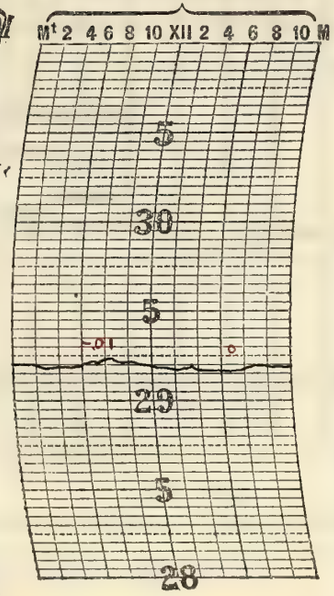
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.9 Wet temperature, 65.4
Dew-point, 62 R. humidity, 67 V. pressure, .535
Clouds: Amount, 7; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

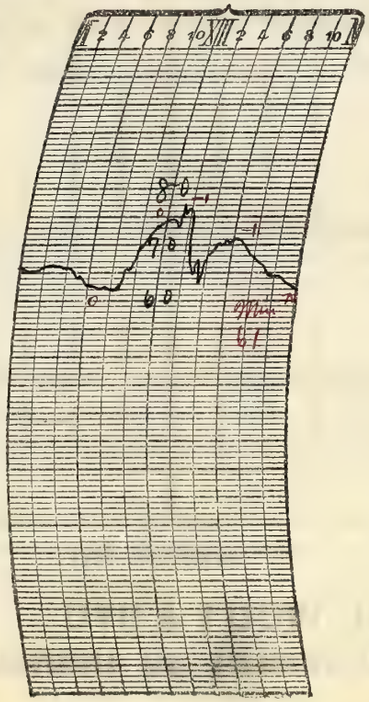
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began 4:40 a.m and ended 7:55 am. A second thunderstorm began 2:20 p.m and ended 3:30 p.m.

A moderate shower of rain accompanied the first thunderstorm and a light show fell during the second one. A small, but complete, arc of rainbow was visible at 3:30 p.m.

The day was generally cloudy with moderate temperatures. Clearing and cooler after night fall.

Prepared by OER
Verified by S. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 8 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	60	60	59	62	64	68	71	73	75	75	76	77	77	78	77	77	73	70	69	70	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear						→	← Pt cloudy					→	← Cloudy						→
Sunshine (in tenths of hours)					0.73	1.0 0	1.0 0	0.4 0.6	1.0	1.0	1.0	0.7	0.8	0.3	0	0	0	0	0	0				
Wind direction	S	S	S	S	S	S	S	SW	SW	W	SW	SW	SW	W	W	SW	SW	SW	SW	S	S	S	S	S
Wind movement	2	1	2	1	1	2	4	4	6	7	10	11	9	8	5	7	7	6	7	6	4	7	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:16 Character, Clear
Moonrise: 10:36a Cloudy
Sunset: Time, 7:15 Character, Cloudy
Moonset: 11:09p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

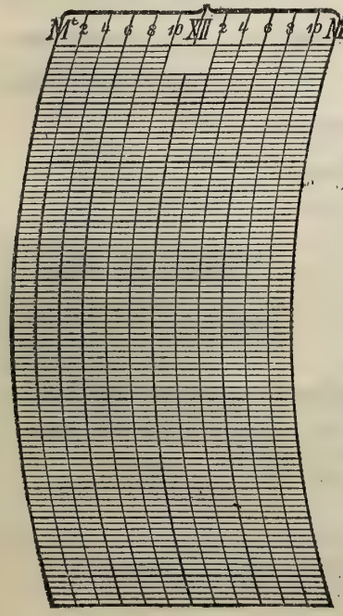
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	59	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.5 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 57
Prevailing wind direction, S Total wind 132
Average hourly velocity, 5.5 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 10:28 a.m.
Reduced barometer, 30.14 7 a. m. 30.09 7 p. m.
River gage, 5.6 feet
Relative humidity, 82 7 a. m. 65 7 p. m.

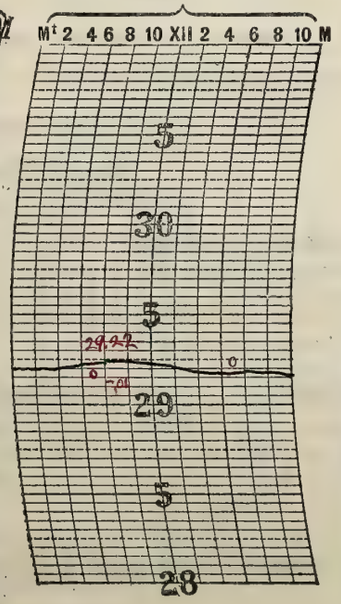
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.1 Wet temperature, 64.8
Dew-point, 60 R. humidity, 58 V. pressure, .517
Clouds: Amount, 5; Kind, Ast; Direction, SW
Velocity of clouds (miles per hour)

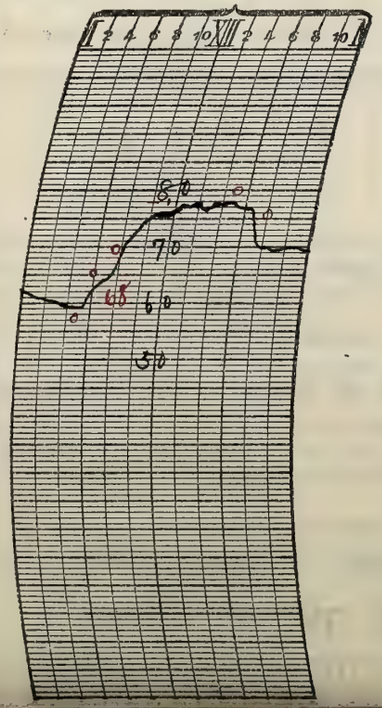
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy deposit of dew in early morning.
Gradually increasing cloudiness during the day. The temperature rose rapidly in the morning and then remained nearly stationary during the afternoon. Cloudy into the night with fairly even temperatures.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 9 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	68	68	67	68	69	70	70	72	77	80
Nature of precipitation and time of beginning and ending								RB 7:25	RE 8:10			
Amounts of precipitation								T	T			
Cloudiness and other conditions					←		Cloudy					
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.7	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	S	S	S	SW
Wind movement	9	9	9	10	10	10	8	9	10	11	16	21

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	79	79	79	78	76	73	70	69	69	67	65
Nature of precipitation and time of beginning and ending		RB 1:20	RE 2:30			RB 6:40	- - -	- - -	- -	RE DN		
Amounts of precipitation		T	T			T	T	.04	.12	T		
Cloudiness and other conditions								→				
Sunshine (in tenths of hours)	0.5	0	0	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	19	14	15	18	17	13	12	10	9	11	10	7

State of weather.

Sunrise: Time, 4:17; Character, Cloudy. Moonrise: 11:41a, Cloudy.

Sunset: Time, 7:15; Character, Cloudy. Moonset: 11:41p, Clear.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

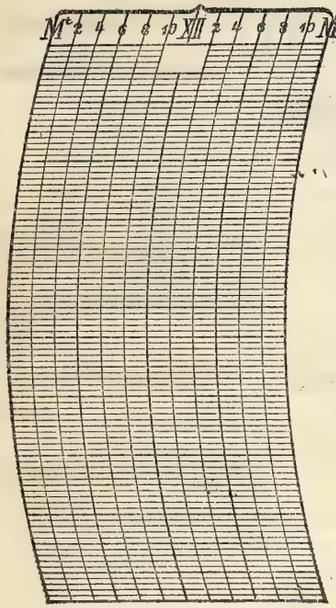
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy. Moon phase, 3:46 p.m. First Quarter
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.2 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 15
Prevailing wind direction, SW Total wind 287
Average hourly velocity, 12.0 Extreme velocity, 29
Maximum velocity, 26 Direction, SW
Time began, 11:46 a.m.
Reduced barometer, 30.037 a. m. 29.897 p. m.
River gage, 6.7 feet
Relative humidity, 71 7 a. m. 80 7 p. m.

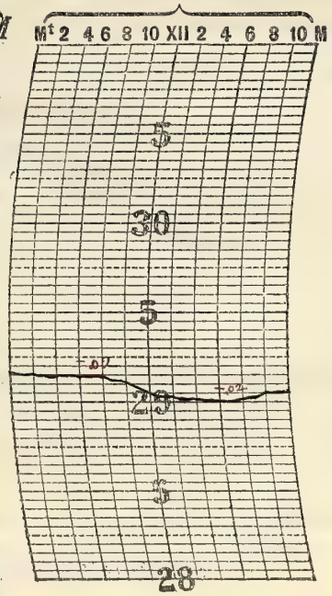
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.2 Wet temperature, 66.8
Dew-point, 59 R. humidity, 50 V. pressure, .499
Clouds: Amount, 3; Kind, Ast; Direction, SW
Velocity of clouds (miles per hour)

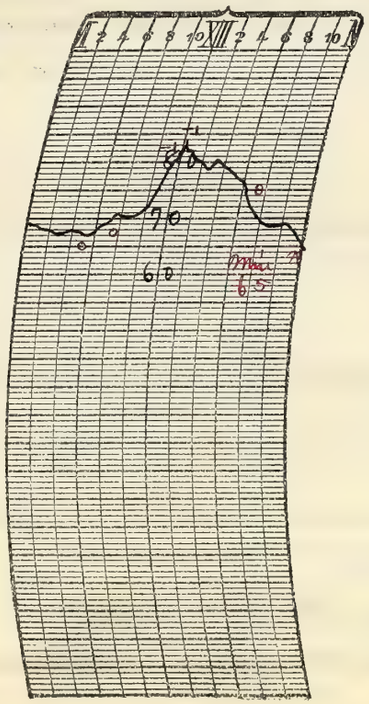
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was overcast the greater part of the day. Near noon the clouds broke away for a short while. A light sprinkle occurred in the forenoon and again in the afternoon and towards evening a light steady rain set in which lasted into the night. The sky was clear at 11 p.m.
Moderately warm.
Moderate southwest winds.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 10 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	62	62	63	66	69	72	74	76	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←					Clear		
Sunshine (in tenths of hours)					1.0 0	1.0 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	7	7	7	7	7	6	8	8	9	11	12	12

Sunrise: Time, 4:18; Character, Clear. Moonrise: 12:49 p; Clear.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	80	80	79	78	76	74	72	70	68	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								→				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0.5 0	0.5 0	0				
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N
Wind movement	13	15	11	12	11	7	5	3	1	1	1	2

Sunset: Time, 7:15; Character, Cloudy. Moonset: —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

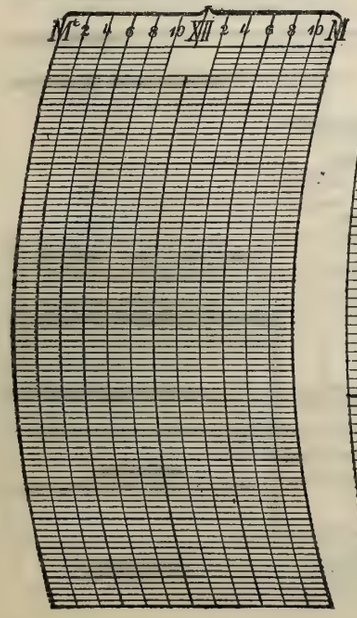
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	62	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .16 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.1 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 87
Prevailing wind direction, NW Total wind 183
Average hourly velocity, 7.6 Extreme velocity, 19
Maximum velocity, 18 Direction, W
Time began, 1:30 p.m.
Reduced barometer, 30.08 7 a. m. 30.06 7, p. m.
River gage, 6.3 feet
Relative humidity, 76 7 a. m. 52 7 p. m.

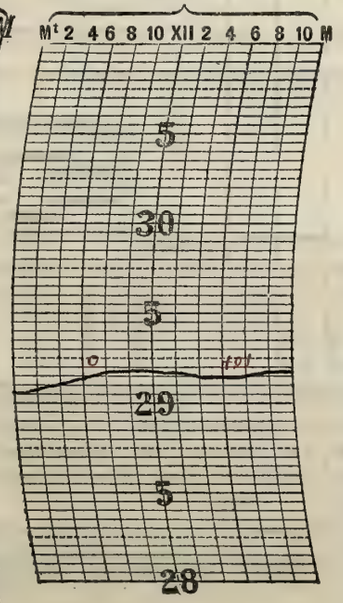
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 64.3
Dew-point, 57 R. humidity, 50 V. pressure, .465
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

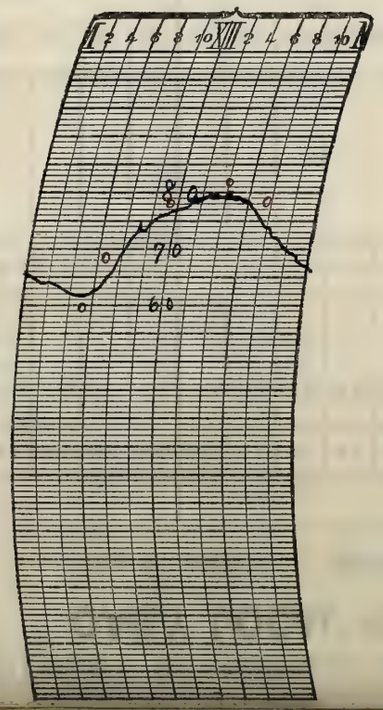
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with moderate temperatures and a cooling northwest wind.
A very pleasant summer day.

Prepared by O.E.R.
Verified by T. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 11 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	63	61	64	68	74	77	79	79	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear			—	×	Pt
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	0.9	1.0	0.8
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	3	3	3	2	3	3	3	3	7	7	9	8

Sunrise: Time, 4:18; Character, Clear. Moonrise: 1:59 pm; Cloudy.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	81	82	83	82	80	78	76	75	73	72	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt cloudy	×	Cldy	×	Pt cldy		×	Clear				
Sunshine (in tenths of hours)	0.8	0.5	0.2	0.4	0.4	0	0	0				
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	9	8	9	8	8	7	6	7	7	6	6	6

Sunset: Time, 7:14; Character, Cloudy. Moonset: 12:16 a; Clear?

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.7 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 65
Prevailing wind direction, SW Total wind 141
Average hourly velocity, 5.9 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 1:41 P M
Reduced barometer, 30.12 7 a. m. 29.94 7, p. m.
River gage, 5.6 feet
Relative humidity, 71 7 a. m. 57 7 p. m.

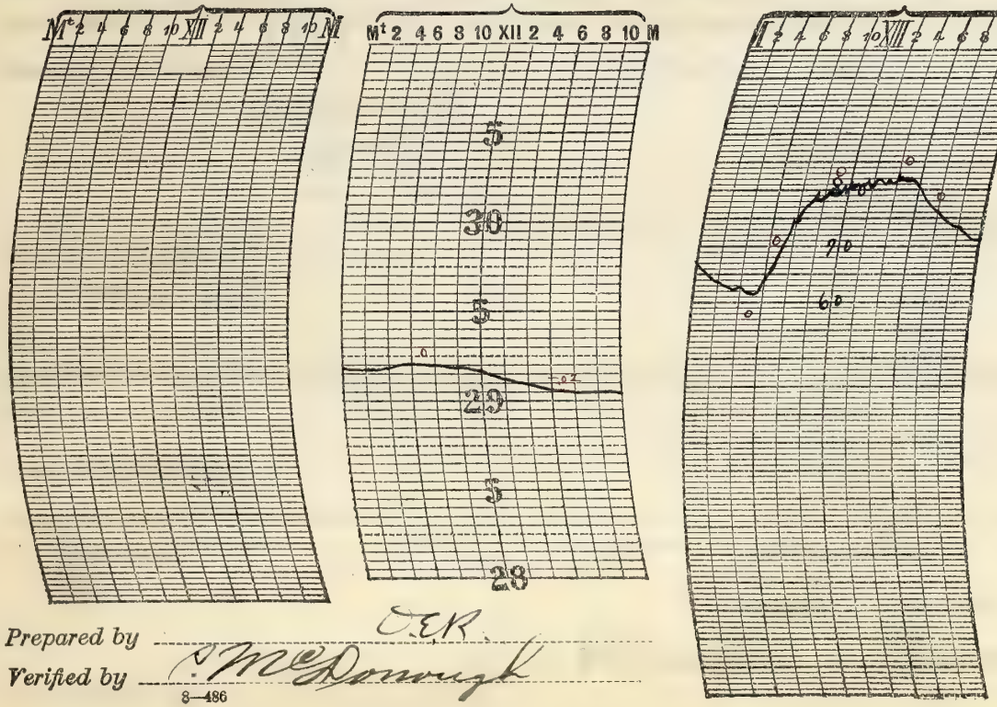
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 79.7 Wet temperature, 66.3
Dew-point, 59 R. humidity, 49 V. pressure, 499
Clouds: Amount, 3/2; Kind, a st/cu; Direction, SW/W
Velocity of clouds (miles per hour)

THERMOGRAPH. BAROGRAPH. THERMOGRAPH.



NOTES.

A partly cloudy day with moderately warm temperatures. Clear at night with moonlight.

Prepared by T.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 12 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	67	66	68	69	75	78	80	81	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt cldy			→			Cloudy	
Sunshine (in tenths of hours)					.68 0	.10 0	.05 0	0.8	0.6	0.6	0.2	0.5
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	W
Wind movement	4	4	4	7	6	6	9	9	10	9	9	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	76	75	76	76	74	72	70	69	68	68
State of weather: Nature of precipitation and time of beginning and ending		RB 1:15 RE 1:40										
Amounts of precipitation		T										
Cloudiness and other conditions		Cloudy						→ Clear	→			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	NW	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	7	6	7	8	11	10	8	9	8	9	9

Sunrise: Time, 4:19 Character, Clear
Moonrise: 3:09p Cloudy
Sunset: Time, 7:14 Character, Cloudy
Moonset: 12:54a Clear

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

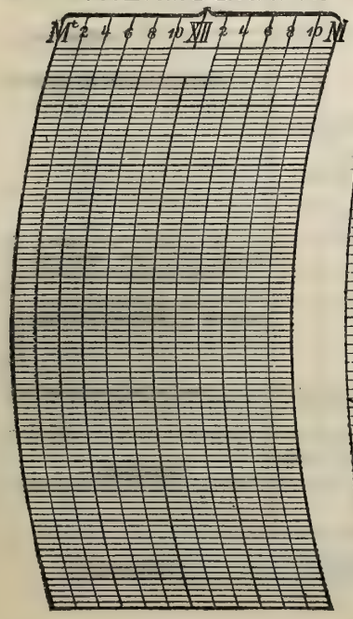
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 33
Prevailing wind direction, SW Total wind 191
Average hourly velocity, 8.0 Extreme velocity, 17
Maximum velocity, 15 Direction, NW
Time began, 11:50 am.
Reduced barometer, 29.86 7 a. m. 29.80 7, p. m.
River gage, 4.6 feet
Relative humidity, 75 7 a. m. 78 7 p. m.

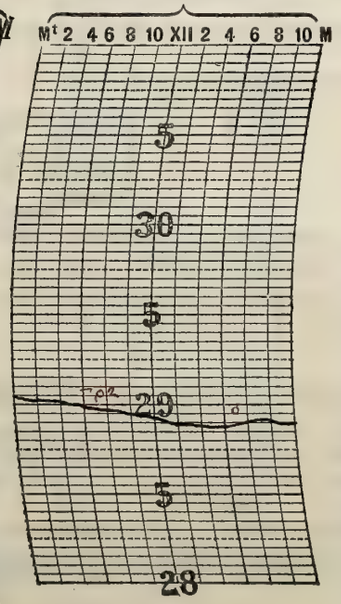
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.3 Wet temperature, 70.5
Dew-point, 65 R. humidity, 56 V. pressure, .616
Clouds: Amount, 8; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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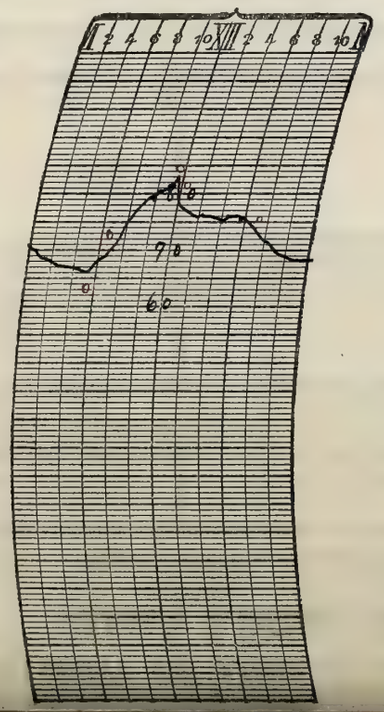


NOTES.

The sky was cloudy the greater part of the day but clear after nightfall with moonlight. The temperature rose rapidly until near noon when a sharp drop of five or six degrees occurred after which it was steady.

Prepared by JER
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 13 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	68	69	70	73	74	76	79	80	80	79	78	76	74	72	71	68	67	67	66	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<		Clear						X	Pt	Cloudy		xCldy		x pt cldy		x Cldy			
Sunshine (in tenths of hours)					0	0	0.5	1.0	0.6	0.8	1.0	1.0	1.0	1.0	0.6	0.4	0.4	0	0	0				
Wind direction	SW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N
Wind movement	9	7	6	5	7	6	8	8	10	9	13	16	18	17	16	14	13	11	6	5	5	3	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:20 Character, Clear
Moonrise: 4:20p Cloudy
Sunset: Time, 7:13 Character, Cloudy
Moonset: 1:39a Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

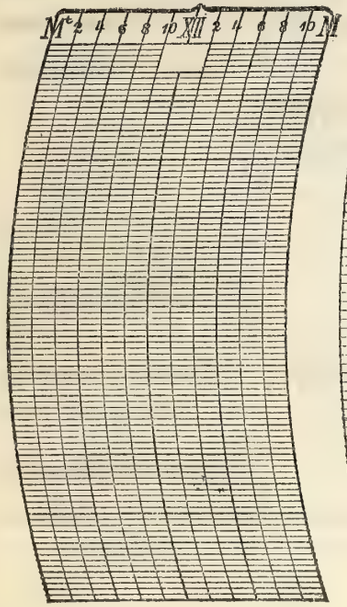
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.5 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 70
Prevailing wind direction, NW Total wind 218
Average hourly velocity, 9.1 Extreme velocity, 24
Maximum velocity, 21 Direction, NW
Time began, 12:55 p.m.
Reduced barometer, 29.90 7 a. m. 30.00 7 p. m.
River gage, 4.0 fall
Relative humidity, 67 7 a. m. 52 7 p. m.

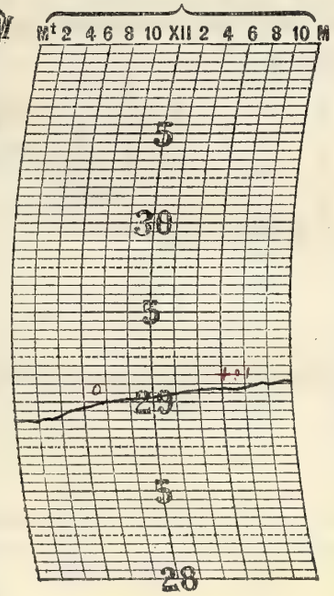
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.5 Wet temperature, 62.3
Dew-point, 51 R. humidity, 37 V. pressure, .373
Clouds: Amount, 3 Kind, Ci St; Direction, NW
Velocity of clouds (miles per hour)

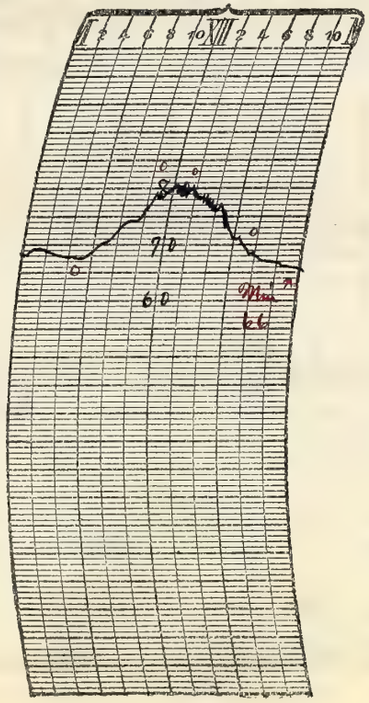
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Upper clouds prevailed during the day and heavy lower clouds after nightfall. The temperature rose gradually till noon and then fell during the afternoon being about the same mark at 7 a.m. and 7 p.m.
The relative humidity was unusually low during the day

Prepared by OER
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 14 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	63	62	62	62	65	68	70	71	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy						× Pt cldy	
Sunshine (in tenths of hours)					0	0	0	0.2	0.3	0.3	1.0	1.0
Wind direction	N	NE	NE	NE	E	NE	E	E	NE	E	NE	NE
Wind movement	4	6	4	4	4	6	7	6	6	5	7	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	74	74	75	74	73	71	70	68	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Cldy		× Cldy		× Pt cldy		× Clear					→
Sunshine (in tenths of hours)	0.5	0.6	0	0	0.1	0	0	0				
Wind direction	NE	NE	NE	N	N	N	E	E	E	E	E	E
Wind movement	7	6	4	6	5	4	3	2	2	1	1	1

Sunrise: Time, 4:21 Character, Cloudy
Moonrise: 5:27p Cloudy
Sunset: Time, 7:13 Character, Cloudy
Moonset: 2:29a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

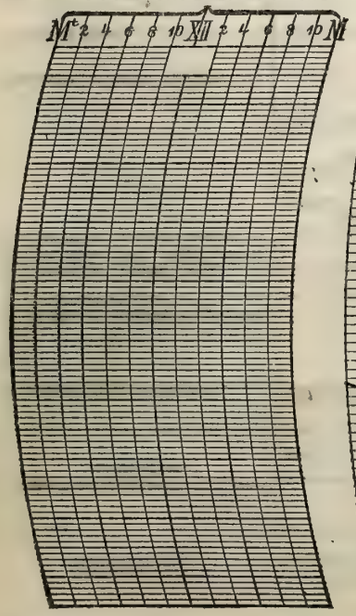
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	62	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.0 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 27
Prevailing wind direction, NE-E Total wind 109
Average hourly velocity, 4.5 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 11:17 a.m.
Reduced barometer, 30.077 a. m. 30.017 p. m.
River gage, 3.3 feet
Relative humidity, 75 7 a. m. 56 7 p. m.

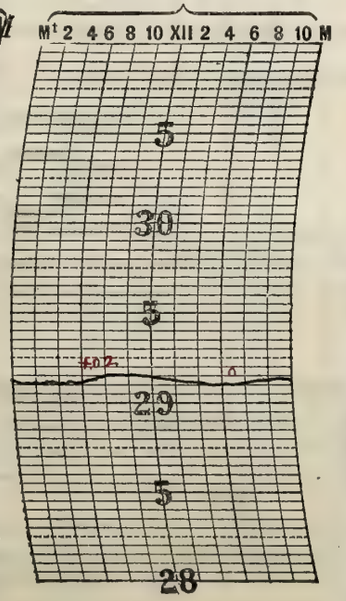
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.7 Wet temperature, 61.5
Dew-point, 54 R. humidity, 53 V. pressure, 417
Clouds: Amount, 5 Kind, Cu Direction, NE
Velocity of clouds (miles per hour)

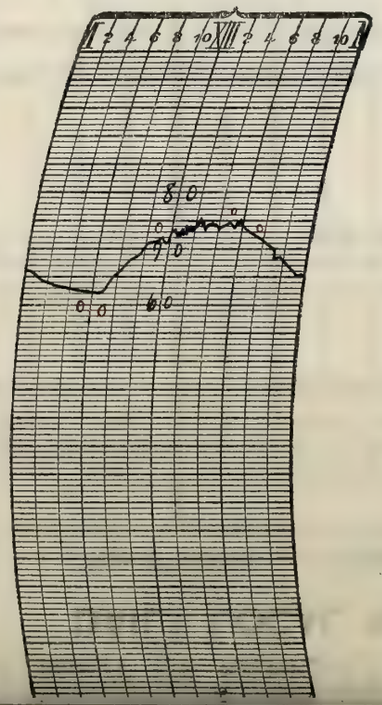
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy during the greater part of the day with clearing in the late afternoon. Bright moonlight. The weather was slightly cool for the season

Prepared by OER

Verified by T. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 15 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	62	61	62	66	72	73	76	76	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear			×		Pt Cldy
Sunshine (in tenths of hours)					0.5	1.0 0	0.8 0.2	0.7	0.8	1.0	0.6	0.8
Wind direction	E	E	E	NE	NE	NE	NE	NE	NW	NW	NW	NW
Wind movement	1	2	2	2	1	3	1	3	3	4	5	5

Sunrise: Time, 4:21 Character, Clear
Moonrise: 6:29p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	81	82	81	80	78	75	73	71	69	66
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy			×			Clear					→
Sunshine (in tenths of hours)	0.8	1.0	1.0	1.0	0.9	0.6	0.9 0.1	1.0 0				
Wind direction	NW	NW	W	W	W	NW	W	W	NW	NW	NW	W
Wind movement	8	7	7	8	9	7	6	5	4	3	3	4

Sunset: Time, 7:12 Character, Clear
Moonset: 3:27a Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

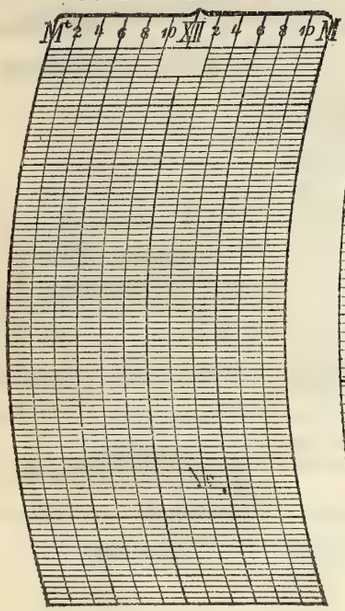
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	60	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.0 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 88
Prevailing wind direction, NW Total wind 103
Average hourly velocity, 4.3 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 4:25 p m
Reduced barometer, 30.05 7 a. m. 29.96 7 p. m.
River gage, 3.0 feet
Relative humidity, 68 7 a. m. 46 7 p. m.

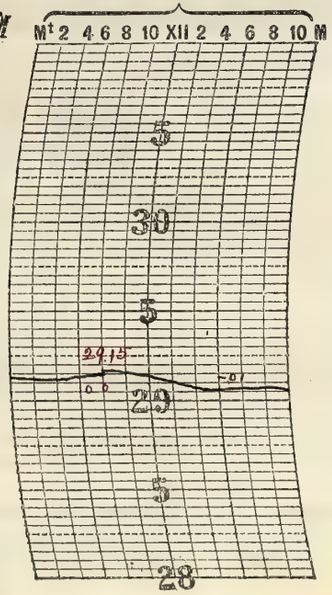
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.2 Wet temperature, 63.7
Dew-point, 55 R. humidity, 47 V. pressure, 432
Clouds: Amount, 5; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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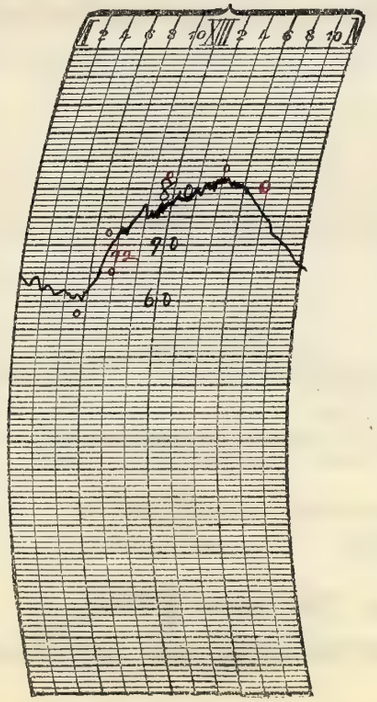


NOTES.

A clear day with moderate temperatures. Bright moonlight. Relative humidity low during the day.

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 16 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	62	61	61	67	70	74	77	79	81	83	84	85	85	84	83	81	78	77	76	75	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear									Cloudy			
Sunrise: Time, Character	4:22 Clear																							
Moonrise	7:24p Cloudy																							
Sunset: Time, Character																					7:11 Cloudy			
Moonset																					4:31a Clear			
Sunshine (in tenths of hours)					.63 0	.05 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8 0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	4	4	6	6	6	7	8	8	11	14	12	11	13	14	14	15	12	13	9	7	9	10	11	10
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	61	74	

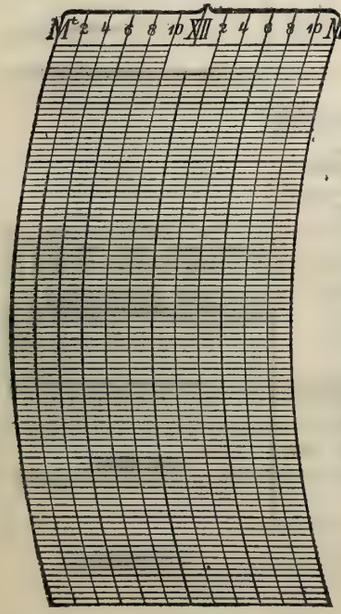
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full Moon 5:44 a.m.
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.3 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 97
Prevailing wind direction, SW Total wind 234
Average hourly velocity, 9.8 Extreme velocity, 19
Maximum velocity, 17 Direction, SW
Time began, 1:33 p.m.
Reduced barometer, 29.90 7 a. m. 29.79 7 p. m.
River gage, 2.8 feet
Relative humidity, 69 7 a. m. 52 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

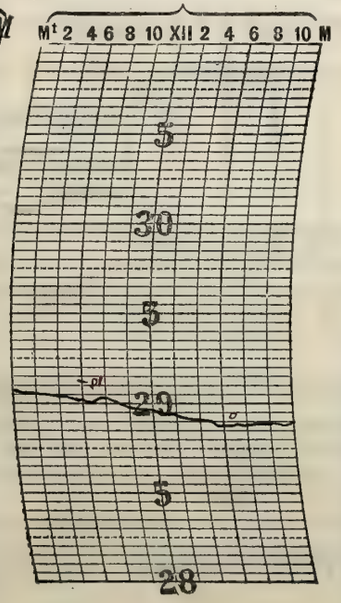
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.8 Wet temperature, 64.3
Dew-point, 55 R. humidity, 40 V. pressure, 432
Clouds: Amount, Few; Kind, cirr.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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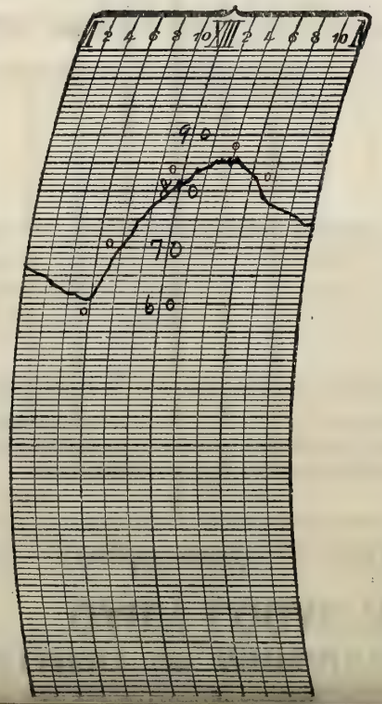


NOTES.

By observation
Clear during the day and cloudy after nightfall. Warm and sultry in the late afternoon and into the night.

Prepared by O.E.R.
Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 17 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	65	63	61	59	58	60	61	64	66	68	69	70	71	73	72	71	71	68	66	64	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Clear									→			
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7 0.3	0.8 0				
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NE	NE	NE	N	N	N	N	N	N	N
Wind movement	12	12	14	10	8	10	10	9	11	10	10	10	11	11	11	10	9	8	7	4	4	3	5	5

Sunrise: Time, 4:23 Character, Cloudy
Moonrise: 8:11 p Clear
Sunset: Time, 7:11 Character, Clear
Moonset: 5:40 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

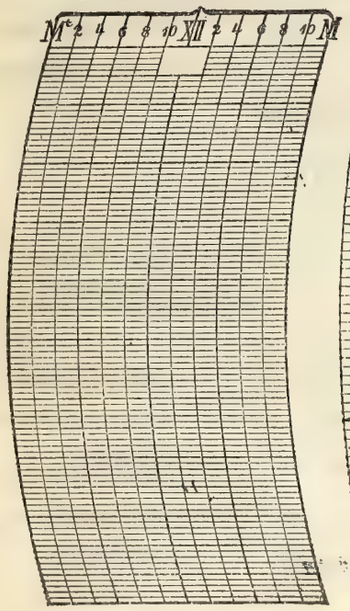
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.7 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 86
Prevailing wind direction, N Total wind 214
Average hourly velocity, 8.9 Extreme velocity, 21
Maximum velocity, 19 Direction, NE
Time began, 2:33 a m
Reduced barometer, 29.98 7 a. m. 30.03 7, p. m.
River gage, 2.6 feet
Relative humidity, 54 7 a. m. 45 7 p. m.

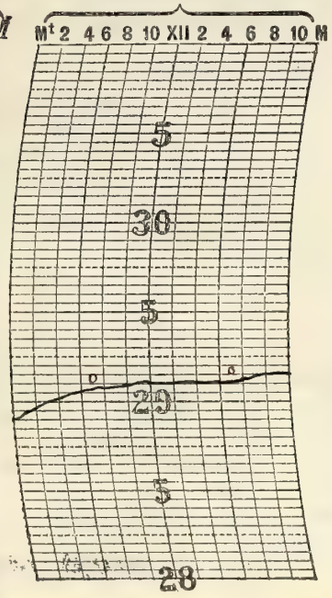
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 55.0
Dew-point, 44 R. humidity, 43 V. pressure, .287
Clouds: Amount, Few; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

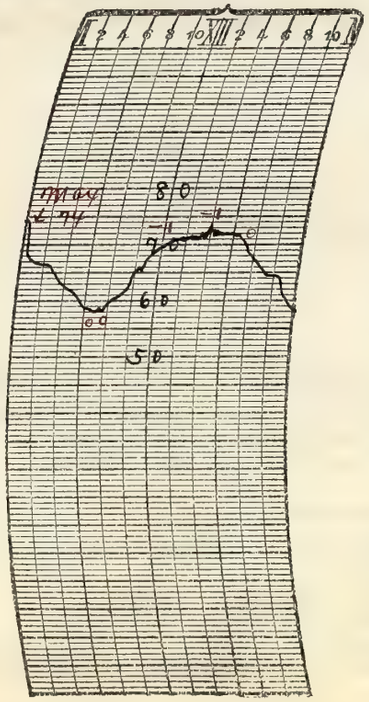
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was clearing about sunrise; clear all day and into the night. Moonlight towards midnight P. M.
The day was cool and the relative humidity low.

Prepared by O.E.R.
Verified by T. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 18 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	54	53	54	56	60	64	67	69	70	71	75	73	74	72	72	70	68	66	63	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear						→		Pt Cloudy				→			
Sunrise: Time, Character, 4:24 Clear													Sunset: Time, Character, 7:10 Cloudy											
Moonrise: 8:52p Cloudy													Moonset: 6:49a Clear											
Sunshine (in tenths of hours)					0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0	0				
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	N	N	NW	N	NW	N	N	NE	N	N	N	NE	NE	NE	E
Wind movement	3	4	6	6	7	7	8	5	5	7	8	8	8	7	7	7	7	6	4	5	5	6	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	53	64	

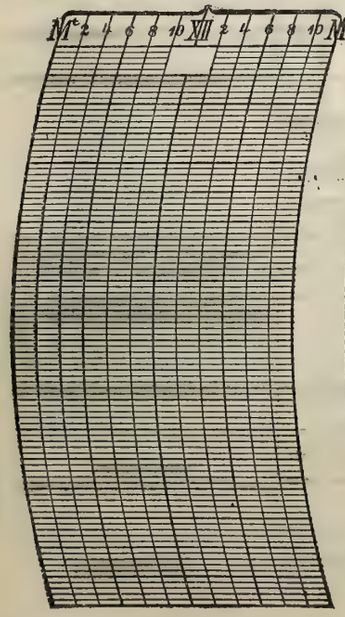
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 86
Prevailing wind direction, N Total wind 146
Average hourly velocity, 6.1 Extreme velocity, 11
Maximum velocity, 11 Direction, N
Time began, 2:49 p.m.
Reduced barometer, 30.11 7 a. m. 30.02 7, p. m.
River gage, 2.4 feet
Relative humidity, 77 7 a. m. 44 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

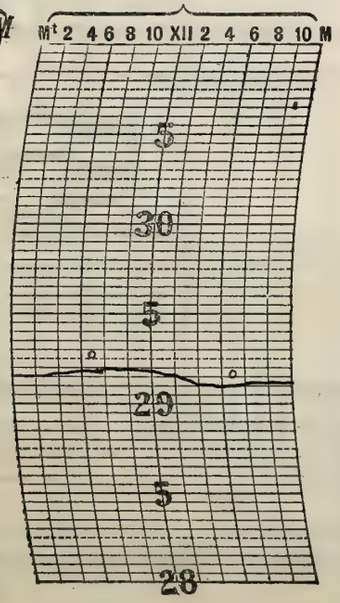
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.0 Wet temperature, 57.2
Dew-point, 47 R. humidity, 45 V. pressure, .322
Clouds: Amount, Few; Kind, Cu St; Direction, NW
Velocity of clouds (miles per hour)

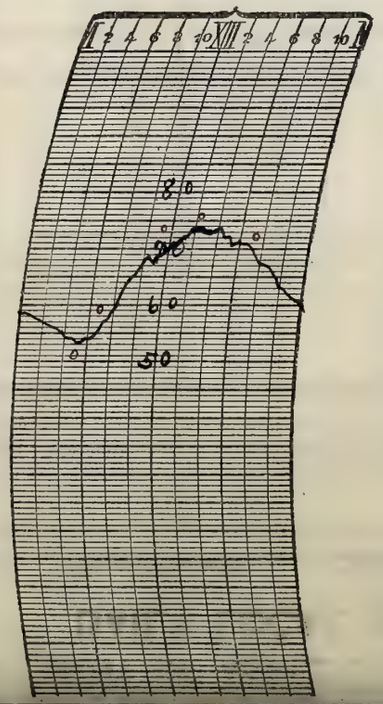
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with upper clouds increasing in the afternoon. Moon visible late at night through thin clouds.
Mild temperatures

Prepared by O.E.R.
Verified by P. McDonough

FORM NO. 1012—MOT 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 19 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	56	55	55	60	64	67	69	71	73	74	77	79	80	78	76	73	71	70	67	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear		×			Pt	cloudy				×		Cloudy		×			
Sunrise: Time, Character,	4:25 Clear																							
Moonrise:	9:27p Cloudy																							
Sunset: Time, Character,																					7:09 Cloudy			
Moonset:																					7:56a Cloudy			
Sunshine (in tenths of hours)					58 0	1.0 0	0.1 0.8	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0	0				
Wind direction	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	E	E	SE	S	SE	E	E	E	E	E	E	E
Wind movement	5	5	4	5	5	6	6	8	7	7	6	4	8	6	5	5	5	6	6	8	7	10	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

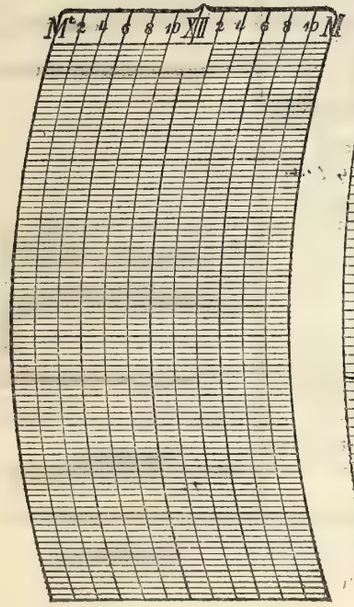
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	54	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.6 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 79
Prevailing wind direction, E Total wind 151
Average hourly velocity, 6.3 Extreme velocity, 11
Maximum velocity, 11 Direction, E
Time began, 12:19 p.m
Reduced barometer, 30.07 7 a. m. 29.97 7, p. m.
River gage, 2.4 feet
Relative humidity, 71 7 a. m. 48 7 p. m.

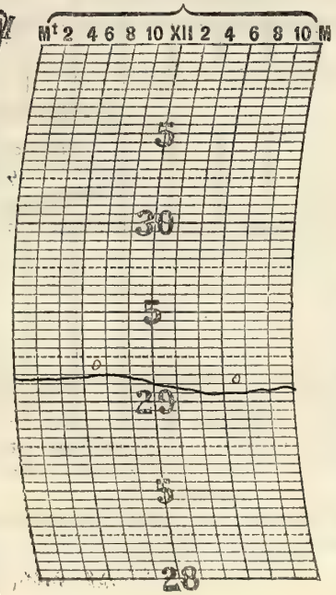
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.5 Wet temperature, 60.3
Dew-point, 52 R. humidity, 49 V. pressure, .387
Clouds: Amount, 6; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

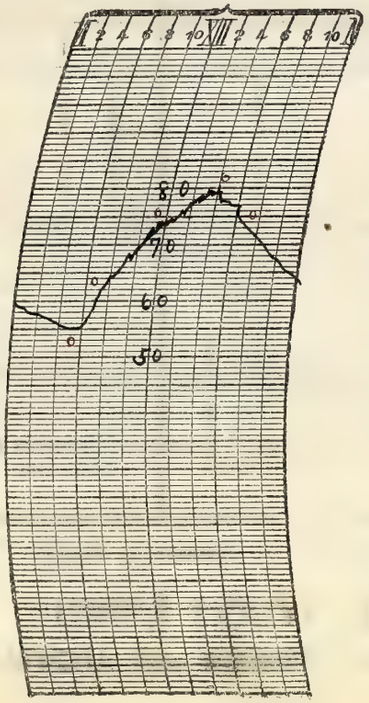
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moonlight in early morning. Increasing cloudiness during the day. Cloudy into the night. Moderate temperatures

Prepared by O.E.R.
Verified by O. McDonnell

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 20 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	62	63	64	67	70	75	79	81	84	84	85	85	86	87	86	84	82	80	80	78	77
State of weather: Nature of precipitation and time of beginning and ending																							RB PK	RE DK
Amounts of precipitation																							T	T
Cloudiness and other conditions					← Cloudy				× Pt Cldy			× Clear						×	Cloudy	→				
Sunrise: Time, Character	4:26 Cloudy																							
Moonrise	9:59 p Cloudy																							
Sunset: Time, Character																					7:09 Cloudy			
Moonset																					9:01 a Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	E	SE	E	E	SE	SE	SE	S	S	S	S	S	S	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	7	6	4	3	4	1	4	3	3	7	6	10	10	10	8	8	5	4	2	3	3	3	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	62	75	

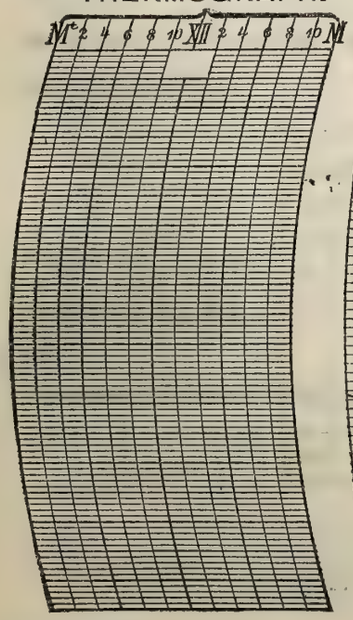
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.9 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 67
Prevailing wind direction, S Total wind 125
Average hourly velocity, 5.2 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 11:30 a. m.
Reduced barometer, 30.07 7 a. m. 29.96 7, p. m.
River gage, 2.3 feet
Relative humidity, 72 7 a. m. 58 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

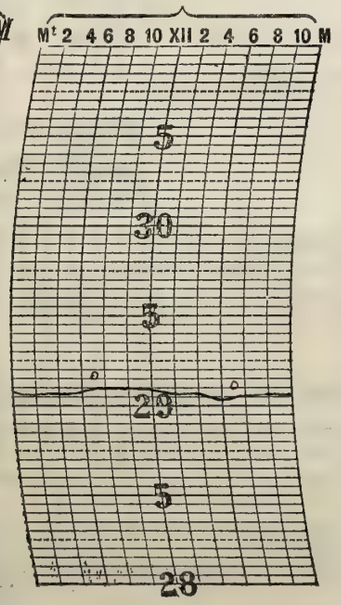
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.0 Wet temperature, 69.6
Dew-point, 63 R. humidity, 51 V. pressure, .575
Clouds: Amount, 2; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

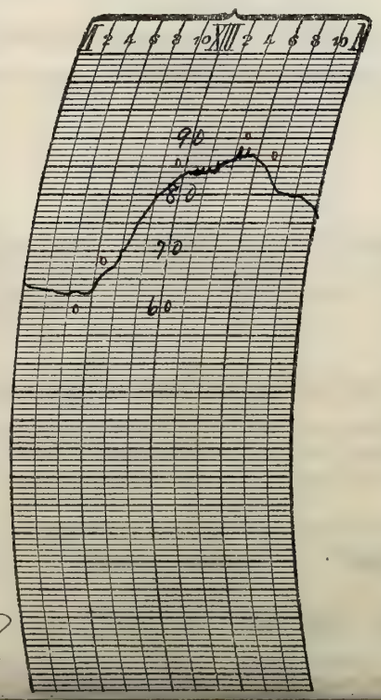
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began and ended during the night P. M.
The cloudiness varied somewhat from time to time day and night. Warm and sultry during the late afternoon and evening with a light sprinkle of rain accompanying the thunderstorm late at night.
Thunder estimated to have begun about 10 P.M.

Prepared by O. E. P.
Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 21 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	71	71	72	73	75	80	82	83	85
State of weather: Nature of precipitation and time of beginning and ending								RB 7:28 RE 7:35				
Amounts of precipitation								.01				
Cloudiness and other conditions					← Cloudy					×	Pt	
Sunrise: Time, Character,	4:27 Cloudy											
Moonrise:	10:29p Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	1.0	1.0	1.0	1.0
Wind direction	W	W	SW	SW	S	S	S	S	S	SW	SW	SW
Wind movement	9	5	2	3	5	4	2	2	6	9	12	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	87	87	88	88	87	81	80	79	79	79	78
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy						× Clear	×	Cloudy →			
Sunset: Time, Character,									7:08 Cloudy			
Moonset:									10:05a Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	1.0	0.8	0	0				
Wind direction	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	11	10	11	9	10	13	12	7	9	10	10	10

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

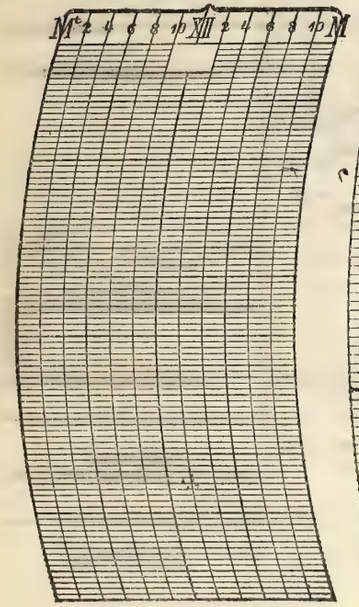
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	71	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.6 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 65
Prevailing wind direction, SW Total wind 191
Average hourly velocity, 8.0 Extreme velocity, 21
Maximum velocity, 19 Direction, S
Time began, 5:47 p.m.
Reduced barometer, 29.99 7 a. m. 29.91 7 p. m.
River gage, 2.3 feet
Relative humidity, 82 7 a. m. 72 7 p. m.

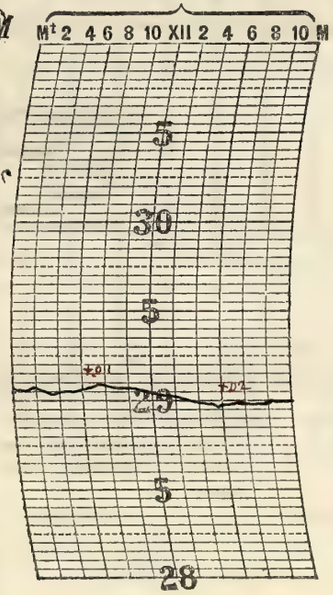
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.9 Wet temperature, 73.2
Dew-point, 68 R. humidity, 60 V. pressure, .684
Clouds: Amount, 5/2; Kind, ac St Cu; Direction, SW
Velocity of clouds (miles per hour)

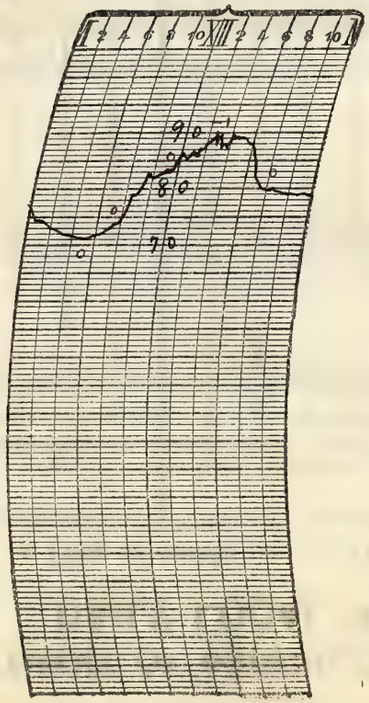
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with high temperatures. Very sultry in the afternoon and evening. The temperature remained high past midnight.
One heat prostration reported.

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 22 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	77	77	76	77	77	76	77	78	78	81
Nature of precipitation and time of beginning and ending							RB 6:53a	RE 7:25a				
Amounts of precipitation							T	0.5				
Cloudiness and other conditions							Cloudy				Pt Cloudy	
Sunshine (in tenths of hours)					0	0	0	0.3	0.4	0.4	0.6	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	NW	W	NW	NW
Wind movement	10	11	9	10	11	12	12	9	9	11	13	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	84	84	84	83	82	79	75	72	71	70	68
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	12 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	15	13	12	12	13	8	6	6	5	4	2

Sunrise: Time, 4:27 Character, Cloudy
Moonrise: 10:58p Clear
Sunset: Time, 7:07 Character, Clear
Moonset: 11:05a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

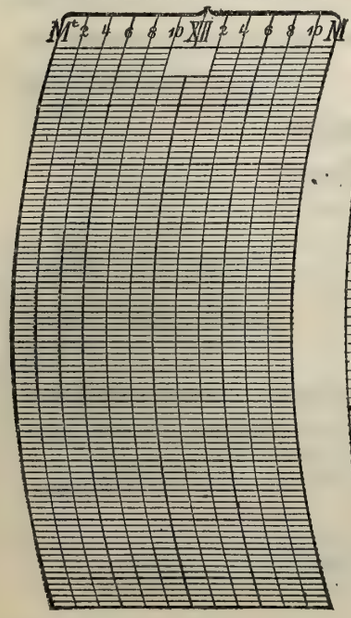
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.5 ins.
Total precipitation, midnight to midnight, 0.5 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.8 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 67
Prevailing wind direction, NW Total wind 237
Average hourly velocity, 9.9 Extreme velocity, 19
Maximum velocity, 17 Direction, W
Time began, 1:36 p m
Reduced barometer, 29.88 7 a. m. 30.00 7 p. m.
River gage, 2.3 feet
Relative humidity, 83 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 71.7
Dew-point, 68 R. humidity, 67 V. pressure, .684
Clouds: Amount, 7; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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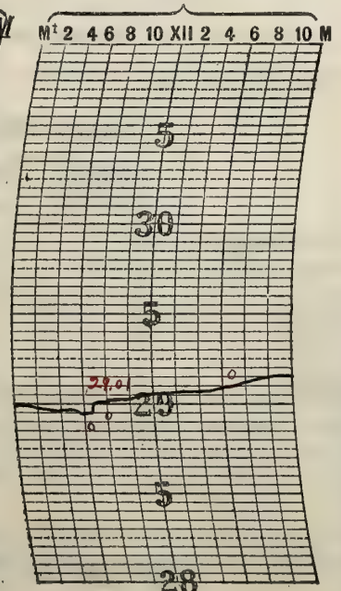

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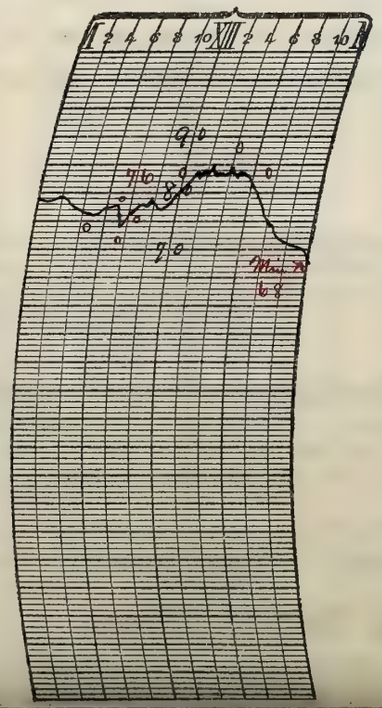


NOTES.

Cloudy during the morning with a small shower. The cloudiness gradually decreased during the day and the sky was cloudless in the late afternoon and into the night.

It was somewhat sultry in the early morning and the temperature was high during the whole 24 hours.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 23 1924, 192

Time (local standard), 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	63	64	64	66	69	76	80	83	84	85	87	87	88	89	88	88	85	80	78	76	75	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←							Clear							→				
Sunshine (in tenths of hours)					5.3 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	1.0 0				
Wind direction	NW	NW	W	W	W	W	W	W	NW	NW	NW	NW	N	NW	N	NW	W	NW	W	SW	SW	SW	SW	SW
Wind movement	5	3	6	4	4	4	4	6	6	7	7	7	6	6	4	7	7	5	4	6	5	5	4	7

Sunrise: Time, 4:28 Character, Clear
Moonrise: 11:28 p Clear
Sunset: Time, 7:06 Character, Clear
Moonset: 12:05 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

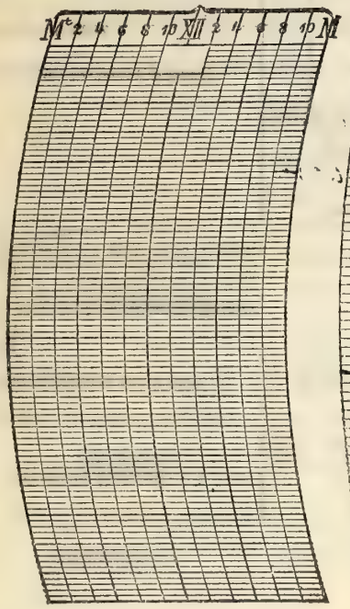
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	63	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Last Quarter 10:36 am
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.6 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 129
Average hourly velocity, 5.4 Extreme velocity, 9
Maximum velocity, 9 Direction, NW
Time began, 9:50 a m
Reduced barometer, 30.11 7 a. m. 30.02 7 p. m.
River gage, 2.1 feet
Relative humidity, 69 7 a. m. 48 7 p. m.

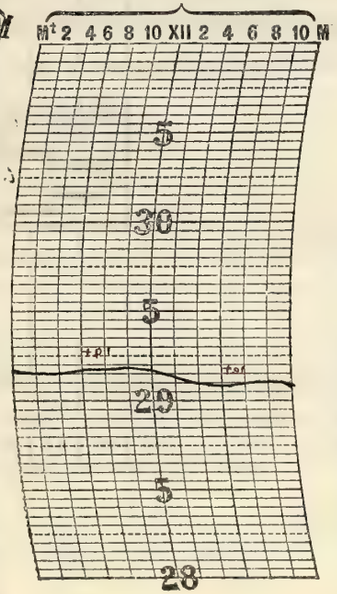
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.5 Wet temperature, 67.8
Dew-point, 59 R. humidity, 42 V. pressure, 499
Clouds: Amount, 3; Kind, CW; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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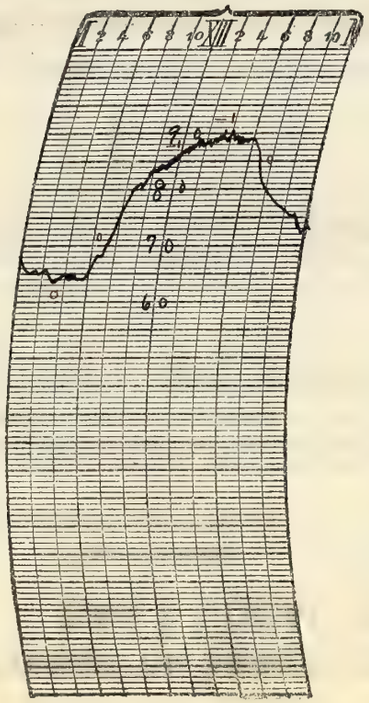


NOTES.

The sky was cloudless in the morning and again in the evening with a small amount of cumulus clouds during the middle of the day.

The temperature rose rapidly and it became very hot in the sun during the afternoon. The temperature continued high into the night.

Prepared by OER

Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 24 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	71	71	69	69	71	73	74	77	80	81	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0	0	0	0	1.0	1.0	1.0	0.3
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	4	8	8	10	9	8	10	13	11	13	12	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	80	80	81	79	79	76	63	64	63	62	63
State of weather: Nature of precipitation and time of beginning and ending								RB 7:05 RE 7:40				
Amounts of precipitation								.13				
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0.1	0.4	0.8	0.2	0	0	0				
Wind direction	SW	SW	SW	SW	SW	W	W	N	N	NW	W	NW
Wind movement	8	10	9	12	13	9	7	15	7	7	8	12

Cloudy

Sunrise: Time, 4:29 Character, Cloudy
Moonrise: 11:59p Cloudy?

Sunset: Time, 7:05 Character, Cloudy
Moonset: 1:03p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

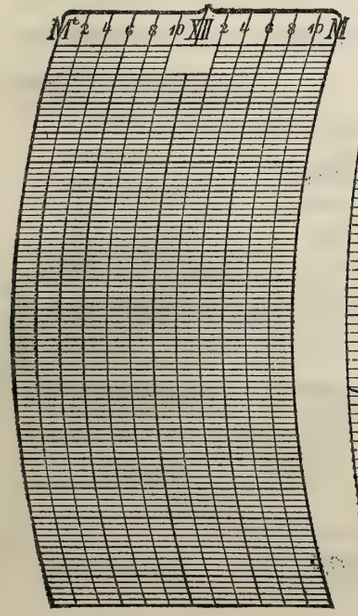
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.8 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 33
Prevailing wind direction, SW Total wind 233
Average hourly velocity, 9.7 Extreme velocity, 30
Maximum velocity, 26 Direction, NW
Time began, 7:12 p.m.
Reduced barometer, 29.90 7 a. m. 29.72 7, p. m.
River gage, 2.1 feet
Relative humidity, 63 7 a. m. 69 7 p. m.

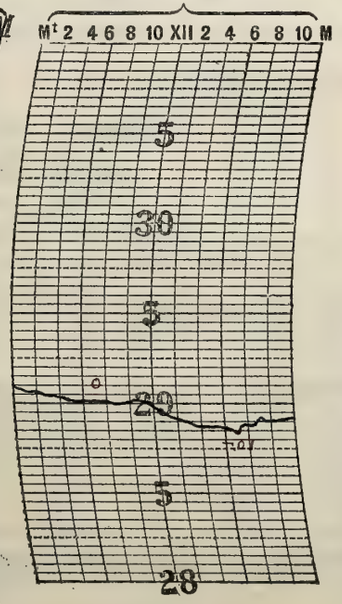
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.8 Wet temperature, 67.8
Dew-point, 61 R. humidity, 51 V. pressure, .536
Clouds: Amount, 8/2 a St; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

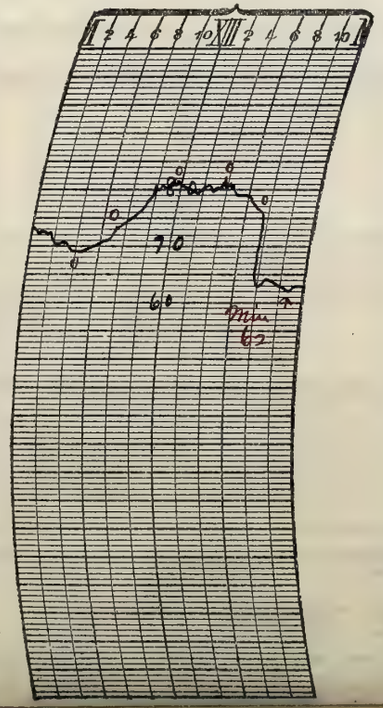
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures. A small shower occurred in the evening and the sky cleared somewhat in the night.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 25 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	61	61	61	62	64	65	67	68	70	71	73	74	74	73	72	71	66	64	62	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy			→		Pt Cloudy					←		Clear		→			
Sunshine (in tenths of hours)					0	0	0.1	1.0	0.4	0.8	0.9	1.0	0.8	0.9	1.0	1.0	1.0	1.0	0.9 0.1	0.7 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	11	9	8	7	8	9	10	9	10	11	9	11	11	12	12	12	12	8	8	8	6	6	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:30 Character, Cloudy
Moonrise: — —

Sunset: Time, 7:04 Character, Clear
Moonset: 1:59p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

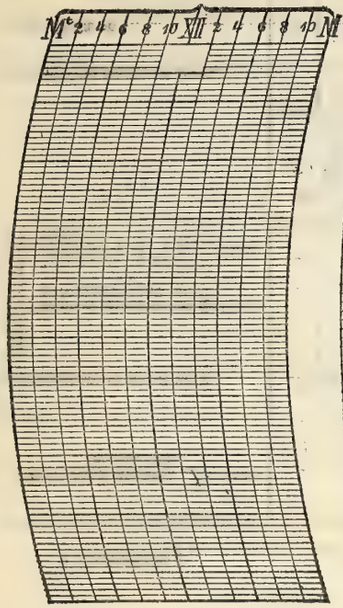
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	60	68	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .13 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.0 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 75
Prevailing wind direction, NW Total wind 222
Average hourly velocity, 9.2 Extreme velocity, 19
Maximum velocity, 17 Direction, NW
Time began, 12:43 a.m.
Reduced barometer, 29.92 7 a. m. 29.96 7, p. m.
River gage, 2.1 feet
Relative humidity, 81 7 a. m. 51 7 p. m.

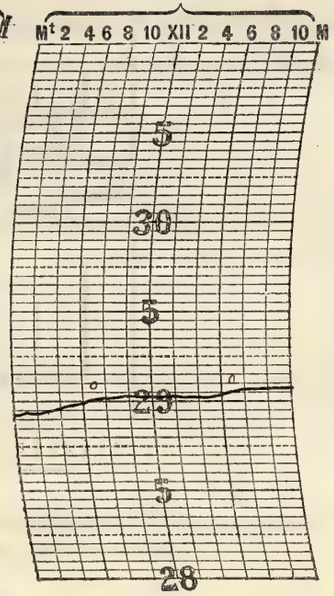
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.4 Wet temperature, 61.5
Dew-point, 56 R. humidity, 60 V. pressure, .448
Clouds: Amount, 5; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

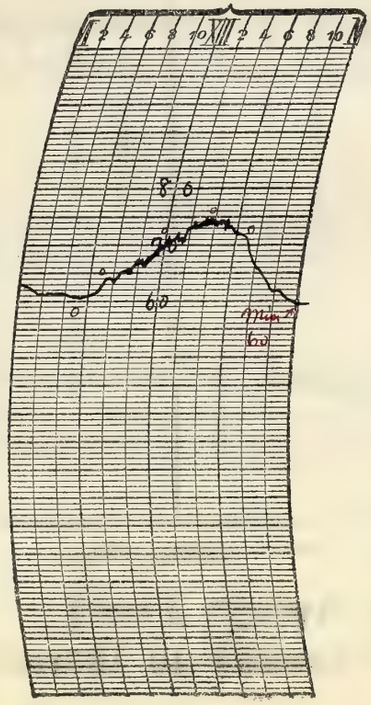
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The cloudiness of the early morning gradually decreased to clear in the late afternoon and night.
Moderately cool temperatures.

Prepared by O.E.R.
Verified by P. McGonigle

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 26 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	58	56	55	56	59	65	68	70	72	74	75	78	77	78	79	78	77	74	72	70	68	67
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear								→				
Sunshine (in tenths of hours)					.48 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	.03 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NW	W	N	N	N	N	SE	SE	S
Wind movement	4	4	3	2	3	3	4	3	6	8	9	7	7	6	8	7	4	4	2	2	3	4	2	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:31 Character, Clear
Moonrise: 12:33 a Clear
Sunset: Time, 7:03 Character, Clear
Moonset: 2:55 p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

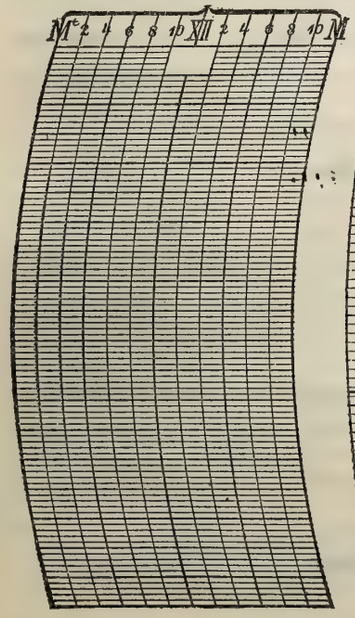
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	54	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.5 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 109
Average hourly velocity, 4.5 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 11:34 a m
Reduced barometer, 30.06 7 a. m. 30.04 7 p. m.
River gage, 2.1 feet
Relative humidity, 75 7 a. m. 46 7 p. m.

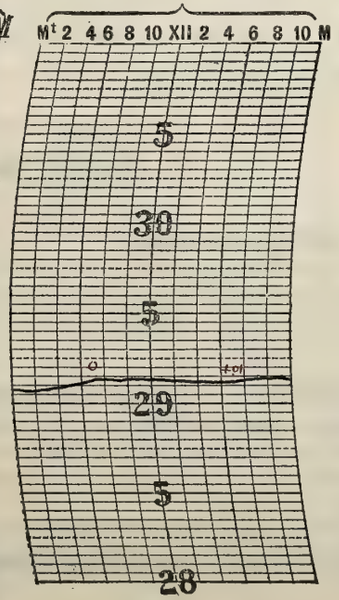
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.7 Wet temperature, 59.0
Dew-point, 48 R. humidity, 41 V. pressure, 334
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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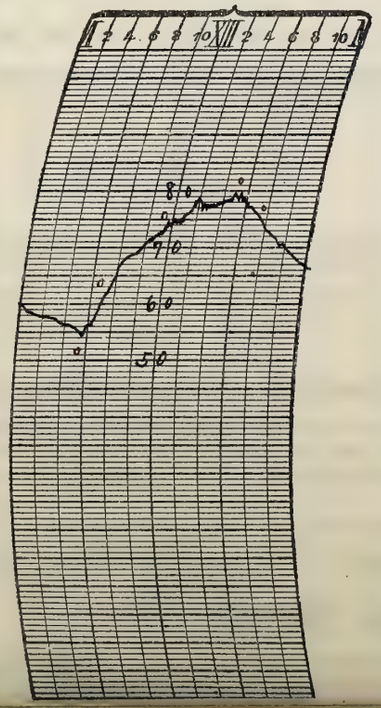


NOTES.

A clear day with only a few clouds and low humidity. The temperature rose continuously from about 6 a.m. to about 5 p.m., the rise being rapid in the early morning.

Prepared by OEW
Verified by P. M. Dunnigan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 27 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	64	63	64	67	72	76	78	80	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunshine (in tenths of hours)					4.7 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	SW	SW	S	SW	SW
Wind movement	4	5	5	5	8	6	9	10	13	14	13	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	84	81	83	82	80	78	74	72	69	67	65
State of weather: Nature of precipitation and time of beginning and ending			RB 2:40 RE 2:45							RB 9:20	---	---
Amounts of precipitation			T							.01	.04	.13
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	0.8	0.8	0.9	0.4	0.3 0.4	0.3 0	0				
Wind direction	SW	SW	S	S	S	S	S	SW	SW	SW	SW	NE
Wind movement	13	12	12	14	17	15	13	13	9	11	10	4

Sunrise: Time, 4:32 Character, Clear
Moonrise: 11:10 a Clear
Sunset: Time, 7:03 Character, Cloudy
Moonset: 3:49 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

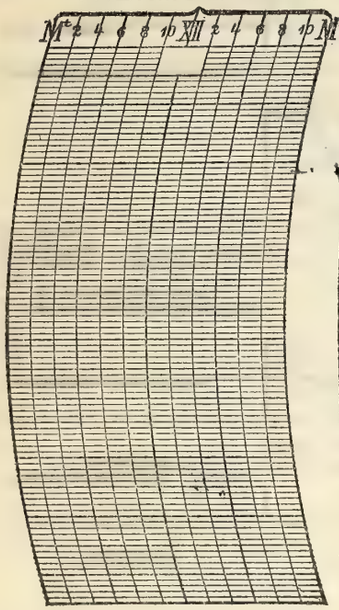
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	63	74	

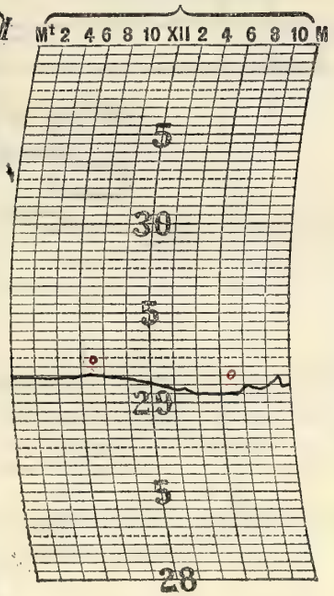
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .18 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.4 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 86
Prevailing wind direction, S Total wind 248
Average hourly velocity, 10.3 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 4:28 p. m.
Reduced barometer, 30.08 7 a. m. 29.97 7 p. m.
River gage, 2.0 feet
Relative humidity, 67 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 82.0 Wet temperature, 70.0
Dew-point, 64 R. humidity, 55 V. pressure, 29.95
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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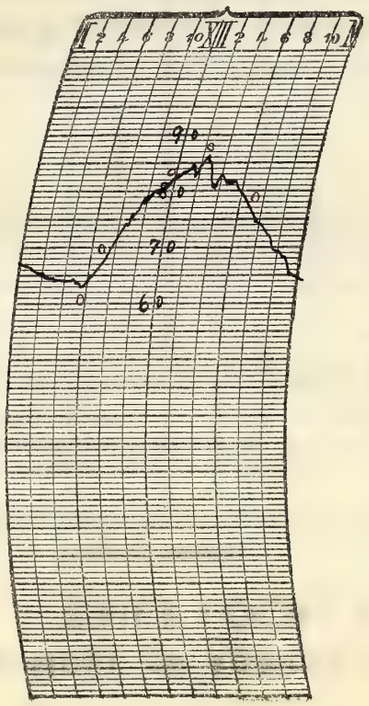


NOTES.

Increasing cloudiness during the day with a small sprinkle of rain in the afternoon. Rather pleasant during the morning but hot in the afternoon.
A thunderstorm from the southwest began at 9:20 p.m. and continued past midnight. Considerable thunder and lightening about 11 p. m.

Prepared by OGR.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 28 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	67	66	66	69	71	76	80	82	83	85	85	87	88	88	85	85	80	77	76	75	75	73
State of weather: Nature of precipitation and time of beginning and ending	RE OR																RB 4:35	RE 5:10						
Amounts of precipitation	T																T	T						
Cloudiness and other conditions					←		Clear			→					Pt Cloudy						Clear →			
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.2	0.7	0.7 0	0.3 0				
Wind direction	E	SE	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	S	S	SW	S	S	S
Wind movement	4	5	6	7	7	8	10	11	12	10	14	14	12	14	10	10	7	7	10	6	4	7	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:33 Character, Cloudy
Moonrise: 1:52 a Cloudy
Sunset: Time, 7:02 Character, Clear
Moonset: 4:40 p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

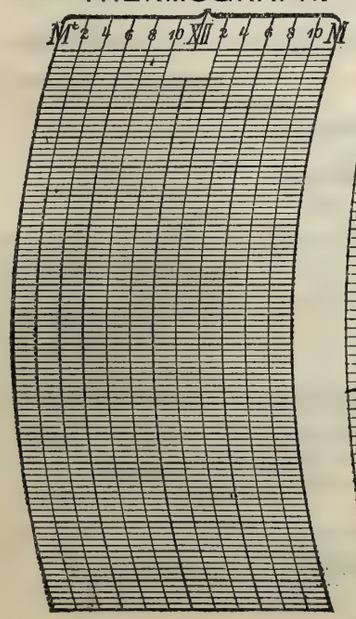
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	64	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.1 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 77
Prevailing wind direction, SW Total wind 209
Average hourly velocity, 8.7 Extreme velocity, 20
Maximum velocity, 18 Direction, SW
Time began, 11:32 a.m
Reduced barometer, 30.06 7 a. m. 30.05 7, p. m.
River gage, 2.1 feet
Relative humidity, 81 7 a. m. 57 7 p. m.

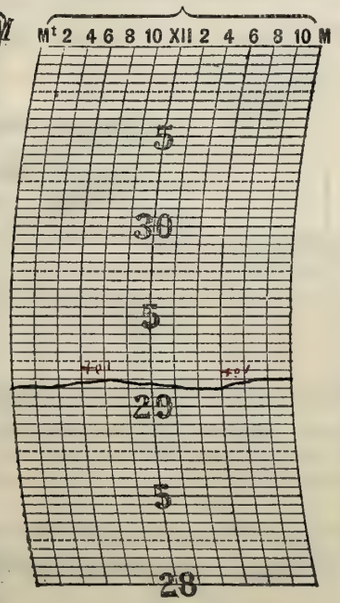
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.0 Wet temperature, 69.8
Dew-point, 63 R. humidity, 49 V. pressure, .575
Clouds: Amount, 3; Kind, a cu cu; Direction, SW
Velocity of clouds (miles per hour)

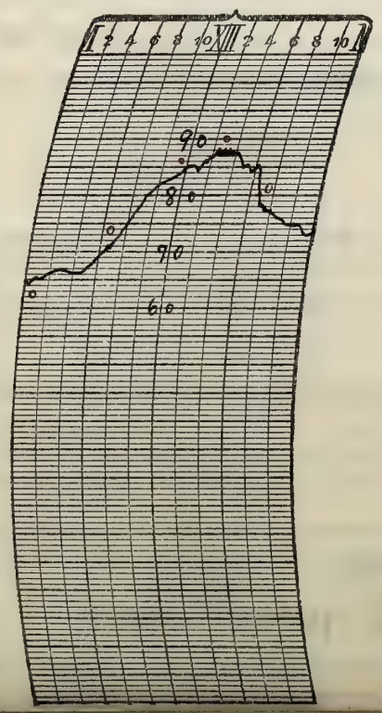
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm that continued from the previous date ended during the night a.m. Rain from the previous date ended shortly after midnight.

Partly cloudy during most of the day with a light shower in the afternoon. Clearing after nightfall. Stars bright.

The temperature rose rapidly in the forenoon and it was hot during the afternoon.

Rainbow (northern half) observed 5:05 p.m. to 5:25 p.m. — red, yellow, green, violet — faint secondary.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 29 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	70	69	68	70	73	78	83	86	87	88
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear					×
Sunshine (in tenths of hours)					43 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	5	7	7	4	5	7	6	7	8	9	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	89	90	90	90	89	87	84	82	80	79	78	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt	cldy				×	Cloudy		→		
Sunshine (in tenths of hours)	1.0	1.0	0.9	1.0	0.7	0	0	0				
Wind direction	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	11	10	11	8	7	7	8	8	9	9	8

Sunrise: Time, 4:34 Character, Clear
Moonrise: 2:28a Clear
Sunset: Time, 7:01 Character, Cloudy
Moonset: 5:29p Cloudy

Maximum temperature. 90 | Minimum temperature. 68 | Mean temperature. 79 | Normal temperature.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.0 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 83
Prevailing wind direction, SW Total wind 188
Average hourly velocity, 7.8 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 11:21 a. m.
Reduced barometer, 30.09 7 a. m. 29.99 7, p. m.
River gage, 2.0 feet
Relative humidity, 71 7 a. m. 55 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time.

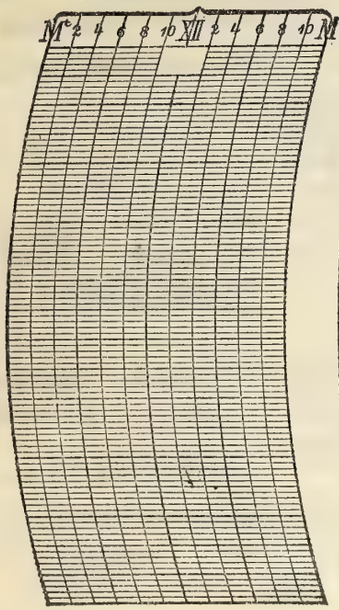
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

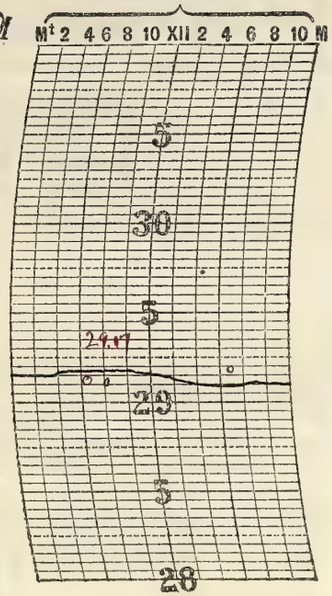
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.2 Wet temperature, 71.7
Dew-point, 64 R. humidity, 45 V. pressure, .595
Clouds: Amount, 4; Kind, Ci St Cu; Direction, NW
Velocity of clouds (miles per hour)

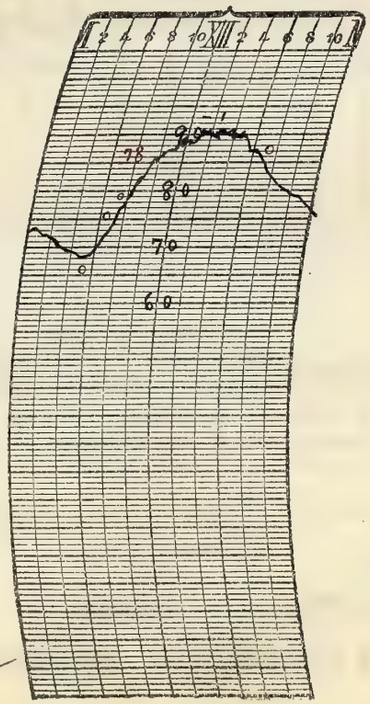
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing cloudiness during the day; cloudy into the night. The temperature rose rapidly during the forenoon and remained near ninety for sometime during the afternoon. It remained warm during the night.

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 30 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	70	72	70	70	71	71	72	74	75	78	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)					0	0	0	0	0	0.3	0.1	0
Wind direction	SW	SW	NW	NW	SE	S	S	S	S	NE	NE	NE
Wind movement	8	8	14	3	4	3	1	3	3	4	3	2

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	79	79	80	82	81	79	77	76	74	74	74
State of weather: Nature of precipitation and time of beginning and ending	RB 12:05 RE 12:20											
Amounts of precipitation	T											
Cloudiness and other conditions					Clear			Cloudy				
Sunshine (in tenths of hours)	0.3	0.4	0.2	0.6	1.0	0.2	0					
Wind direction	E	NW	NE	E	S	S	SE	S	S	S	SW	SW
Wind movement	4	3	5	4	4	3	2	6	5	7	7	9

Sunrise: Time, 4:35 Character, Cloudy
Moonrise: 3:29a Cloudy
Sunset: Time, 7:00 Character, Cloudy
Moonset: 6:14p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

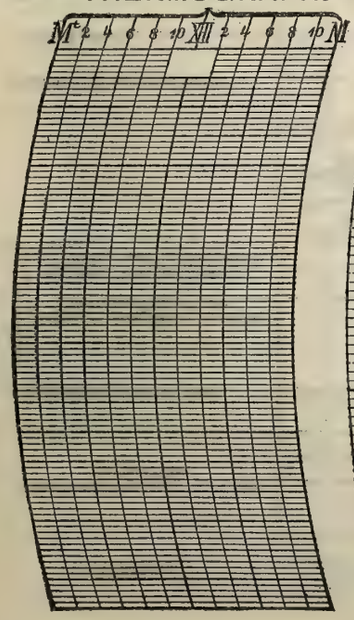
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	70	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.1 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 22
Prevailing wind direction, S Total wind 115
Average hourly velocity, 4.8 Extreme velocity, 18
Maximum velocity, 16 Direction, NW
Time began, 2:34 a.m.
Reduced barometer, 30.02 7 a. m. 29.92 7, p. m.
River gage, 2.1 feet
Relative humidity, 85 7 a. m. 68 7 p. m.

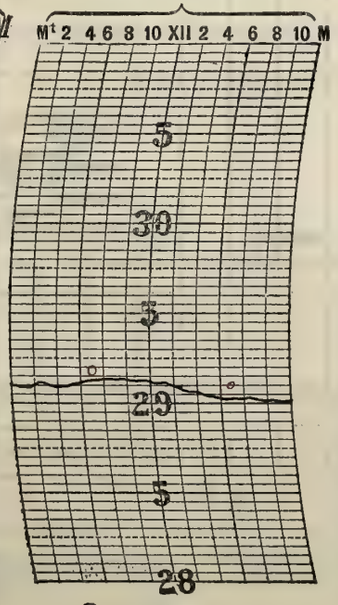
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.5 Wet temperature, 68.9
Dew-point, 65 R. humidity, 65 V. pressure, .616
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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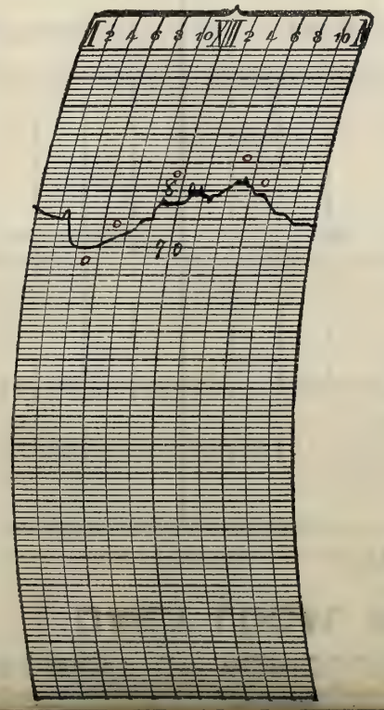


NOTES.

The sky was overcast during the greater part of the day altho it cleared somewhat at 5 p.m. The evening was warm and somewhat sultry.

Prepared by OER
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 3 1 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	72	71	71	72	72	74	74	72	73	76	75
State of weather. Nature of precipitation and time of beginning and ending								RB 7:25 RE 7:50				
Amounts of precipitation								T				
Cloudiness and other conditions					←			Hz Fog →			Cloudy	
Sunrise: Time, Character,	4:36 Cloudy											
Moonrise:	4:24a Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0.5	0	0
Wind direction	SW	SW	SW	SW	W	SW	W	NW	NW	NW	NW	N
Wind movement	10	9	6	7	7	7	7	8	12	10	9	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	75	73	73	73	73	72	70	69	69	67	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									6:59 Cloudy			
Moonset:									6:55p Cloudy			
Sunshine (in tenths of hours)	0	0.4	0.4	0	0	0	0					
Wind direction	N	N	N	N	N	N	N	N	NE	NE	NE	NE
Wind movement	9	11	9	10	6	7	7	7	7	7	7	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

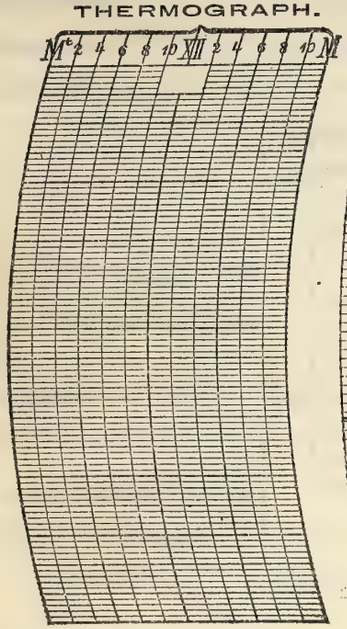
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	65	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, New moon 1:42 p.m.
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.3 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 9
Prevailing wind direction, N Total wind 194
Average hourly velocity, 8.1 Extreme velocity, 15
Maximum velocity, 15 Direction, NW
Time began, 8:27 a.m.
Reduced barometer, 29.91 7 a. m. 29.99 7 p. m.
River gage, 2.2 feet
Relative humidity, 89 7 a. m. 70 7 p. m.

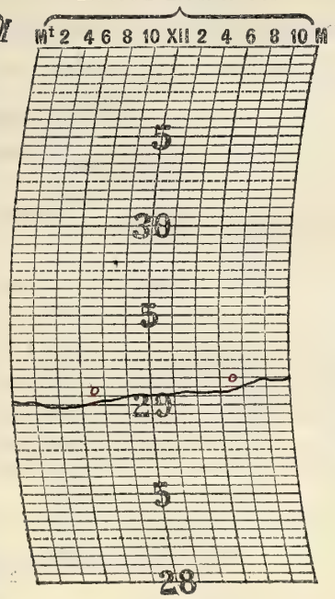
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.9 Wet temperature, 68.4
Dew-point, 65 R. humidity, 72 V. pressure, .616
Clouds: Amount, 10; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

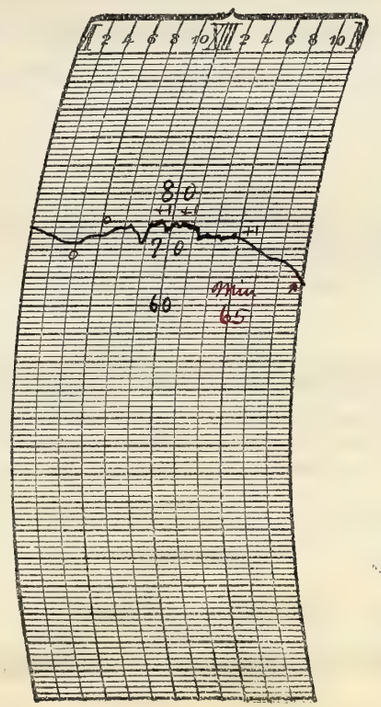
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog from 6:30 am to 8:00 am. Cloudy all day with a light shower in the morning. Moderate temperatures with small variation.

Prepared by O.E.R.

Verified by P. M. Dunnigh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 1 1924, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	60	58	57	55	55	57	60	66	68	70	73	74	74	75	73	71	69	67	65	64	62	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy		×	Clear		×				Pt Cloudy				→				
Sunrise: Time, Character, 4:37 Cloudy																					Sunset: Time, Character, 6:57 Cloudy			
Moonrise: 5:22a Cloudy																					Moonset: 7:33p Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0.6	1.0	1.0	0.8	0.9	0.6	1.0	0.4	0.1	0.5 0	0.3 0					
Wind direction	NE	NE	NE	E	E	E	E	E	E	SE	E	NE	N	N	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	7	6	7	7	6	5	5	6	4	5	6	4	5	5	6	9	12	15	9	7	7	7	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.2 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 50

Prevailing wind direction, E Total wind 165

Average hourly velocity, 6.9 Extreme velocity, 19

Maximum velocity, 18 Direction, NE

Time began, 5:23 p.m.

Reduced barometer, 30.12 7 a. m. 30.11 7, p. m.

River gage, 2.2 feet

Relative humidity, 81 7a. m. 60 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

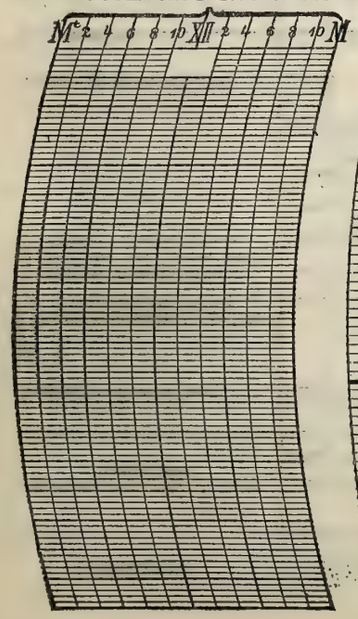
Dry temperature, 72.6 Wet temperature, 61.3

Dew-point, 54 R. humidity, 52 V. pressure, 417

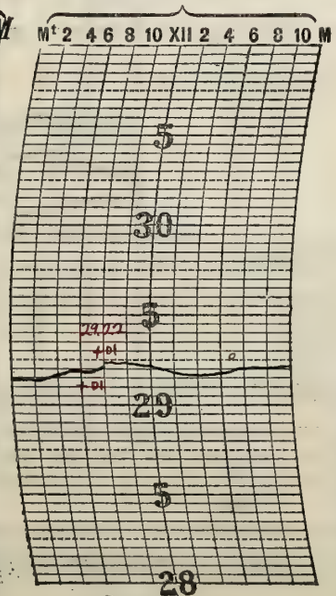
Clouds: Amount, 4; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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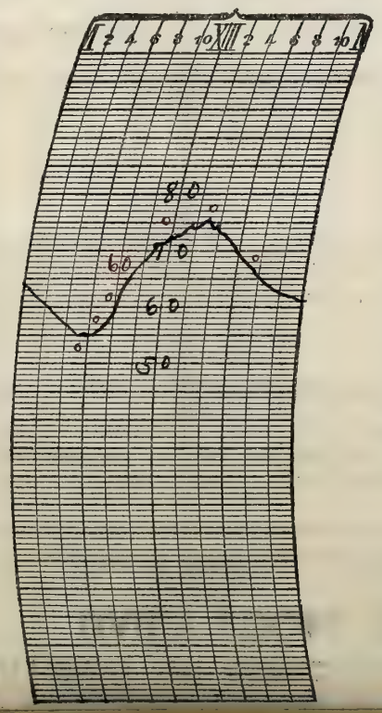


NOTES.

A partly cloudy day with moderate temperatures. Brighter stars visible through upper clouds.

Prepared by OEP

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 2 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	59	59	59	60	62	64	67	70	73	75	76	76	77	78	76	75	72	70	67	65	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy			Pt. Cldy			Clear				Pt. Cloudy								
Sunshine (in tenths of hours)					0	0	0	0.4	0.3	0.8	1.0	1.0	1.0	0.9	0.4	1.0	0.8	0	0					
Wind direction	E	E	E	E	SE	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E
Wind movement	6	6	5	7	4	4	6	7	8	9	9	7	8	8	7	7	6	7	5	7	8	10	8	8

Sunrise: Time, 4:38 Character, Cloudy
Moonrise: 6:23 a Cloudy

Sunset: Time, 6:06 Character, Cloudy
Moonset: 8:08 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

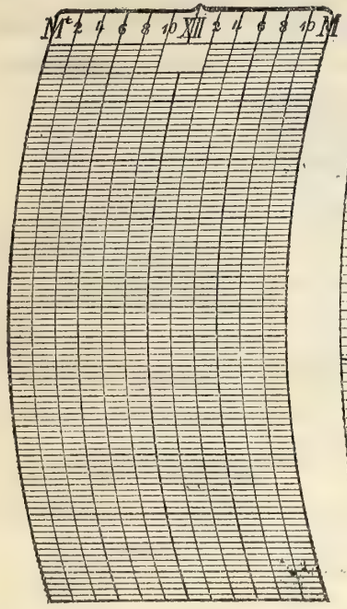
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.6 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 53
Prevailing wind direction, SE Total wind 167
Average hourly velocity, 7.0 Extreme velocity, 12
Maximum velocity, 12 Direction, SE
Time began, 9:57 a m
Reduced barometer, 30.15 7 a. m. 30.06 7, p. m.
River gage, 2.2 fall
Relative humidity, 65 7 a. m. 52 7 p. m.

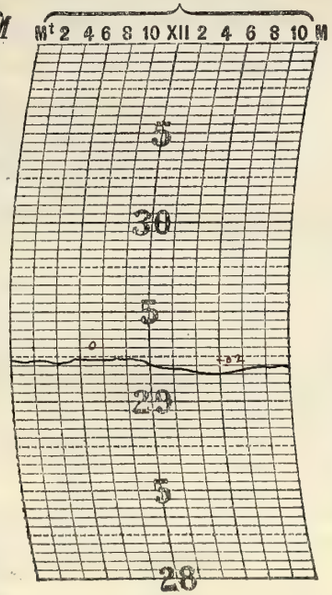
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.0 Wet temperature, 60.1
Dew-point, 51 R. humidity, 46 V. pressure, .373
Clouds: Amount, 3; Kind, a St.; Direction, SW
Velocity of clouds (miles per hour)

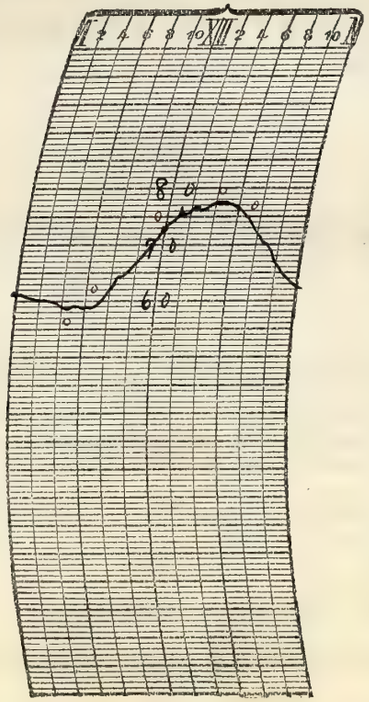
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly cloudy, as a rule, with alto-stratus clouds from from southwest, changing to northwest in afternoon, prevailing. Cool, but pleasant and invigorating weather

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 3 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	60	58	57	58	62	68	74	79	83	85
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							1 —		Clear			
Sunrise: Time, Character,	4:39 Clear											
Moonrise:	7:25a Clear											
Sunshine (in tenths of hours)					35 0	1.0 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	SE	SE	SE	SE	S	S
Wind movement	7	6	5	5	6	4	3	6	7	5	6	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	86	87	87	87	85	83	79	78	76	74	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, Character,												
Moonrise:												
Sunshine (in tenths of hours)	1.0	0.9	0.8	0.8	1.0	0.4 0.6	0.5 0					
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	9	9	10	10	10	7	7	5	9	12	10	6
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 6:55 Character, Cloudy
Moonset: 8:40 p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	57	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.4 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 94
Prevailing wind direction, S Total wind 171
Average hourly velocity, 7.1 Extreme velocity, 14
Maximum velocity, 13 Direction, S
Time began, 8:56 p.m.
Reduced barometer, 30.11 7 a. m. 30.00 7, p. m.
River gage, 2.0 feet
Relative humidity, 70 7 a. m. 46 7 p. m.

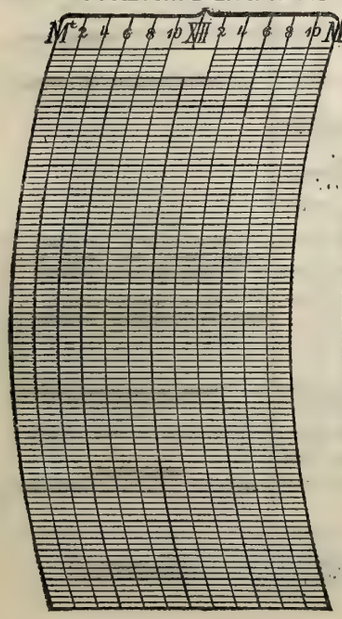
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

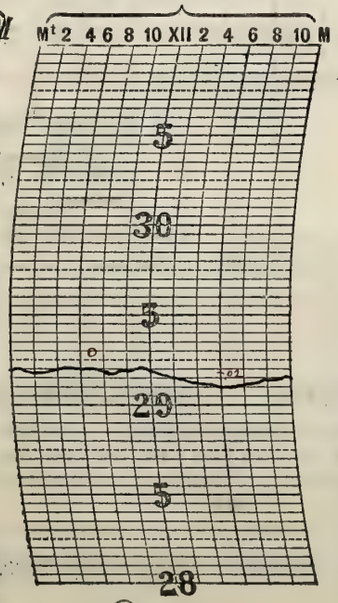
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.0 Wet temperature, 65.0
Dew-point, 53 R. humidity, 33 V. pressure, .402
Clouds: Amount, 3; Kind, cst; Direction, NW
Velocity of clouds (miles per hour)

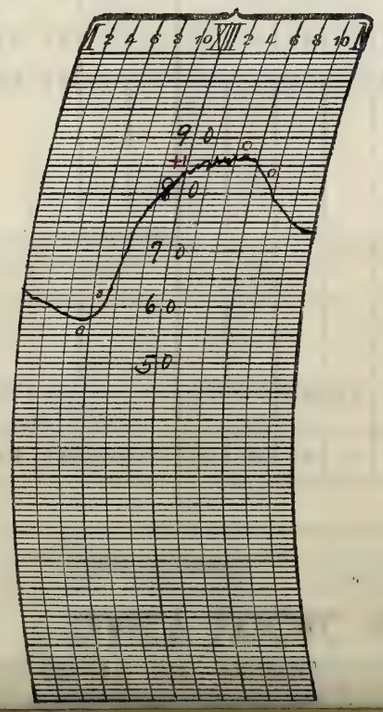
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Forenoon mostly clear and afternoon generally partly cloudy, with Cirro-stratus and alto-stratus clouds from northwest prevailing. Morning cool, but temperature rose rapidly after the a. m. observation, the afternoon being quite warm, but with low humidity.

Prepared by OER

Verified by T. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 4 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	71	71	72	76	78	81	84	87	88	93	87	94	92	83	82	78	74	74	74	74	73
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:07 RE 4:25		RB 6:20	RE 7:05				
Amounts of precipitation																	.16		.02	T				
Cloudiness and other conditions						← Cloudy × Pt cldy × cldy ×									Pt cldy						→			

Sunrise: Time, 4:40 Character, Cloudy
Moonrise: 8:29a Cloudy

Sunset: Time, 6:54 Character, Cloudy
Moonset: 9:12p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0.5 0	0.2 0.6	1.0	0.3	1.0	1.0	1.0	1.0	0.4	1.0	0.5	0.2	0	0					
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	N	N	N	N	E	SE	S	SE	NE	NE	NE
Wind movement	6	7	10	11	15	14	12	13	11	11	11	10	7	8	3	7	6	2	12	3	4	5	1	3
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	70	82	

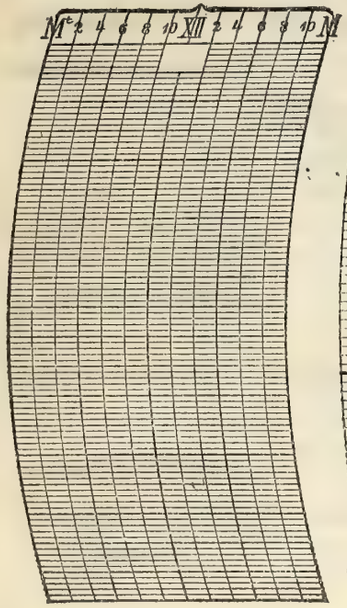
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .16 ins.
Total precipitation, midnight to midnight, .18 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.7 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 61
Prevailing wind direction, SW Total wind 192
Average hourly velocity, 8.0 Extreme velocity, 31
Maximum velocity, 26 Direction, W
Time began, 6:27 p.m
Reduced barometer, 30.00 7 a. m. 30.02 7 p. m.
River gage, 2.0 feet
Relative humidity, 78 7 a. m. 75 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

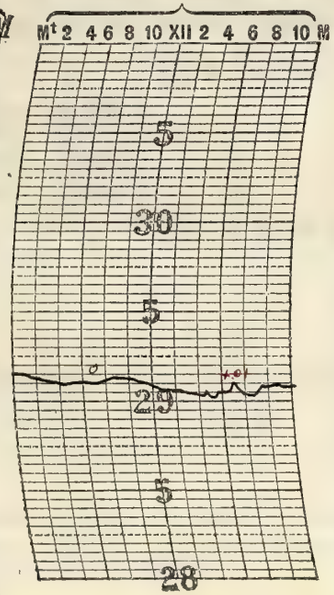
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.3 Wet temperature, 76.5
Dew-point, 72 R. humidity, 59 V. pressure, .783
Clouds: Amount, 6/1; Kind, Cu 2 St; Direction, SW
Velocity of clouds (miles per hour)

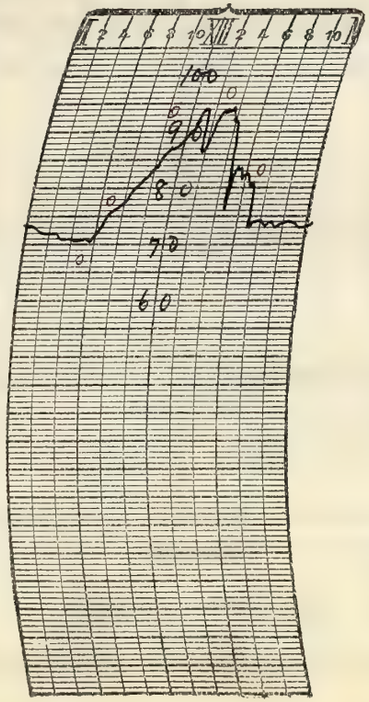
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began 3:57 p.m and ended 7:05 p.m

Cloudy the greater part of the day with showers in the afternoon. The temperature rose rapidly during the morning and reached the highest temperature of the season to date in the afternoon. There were marked temperature fluctuations in the p.m. and it became quite sultry towards evening.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 5 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73	72	72	71	72	74	79	82	86	89	81	89	88	89	91	92	91	88	85	83	82	81	78
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Pt cldy		×		clear	×	cldy	×		Pt cldy				→				
Sunshine (in tenths of hours)					0	0	0	0.7	1.0	1.0	1.0	1.0	0.9	0.7	1.0	1.0	1.0	0.6	0					
Wind direction	NE	NE	NE	SE	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW
Wind movement	2	1	3	5	7	8	6	9	11	11	10	11	14	17	14	9	9	10	8	8	10	11	12	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:41 Character, Cloudy
Moonrise: 9:35a Cloudy
Sunset: Time, 6:53 Character, Cloudy
Moonset: 9:45p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

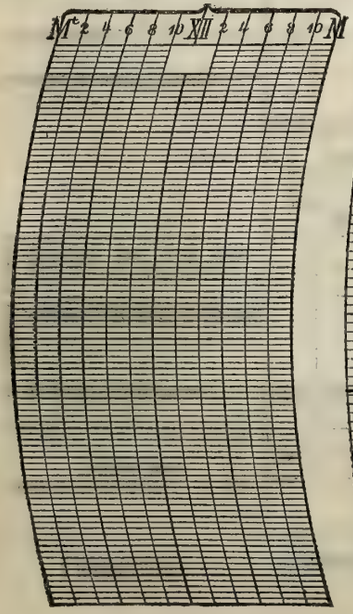
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	71	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.9 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 70
Prevailing wind direction, SW Total wind 216
Average hourly velocity, 9.0 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 1:13 P.M.
Reduced barometer, 29.97 7 a. m. 29.85 7, p. m.
River gage, 1.8 feet
Relative humidity, 84 7 a. m. 49 7 p. m.

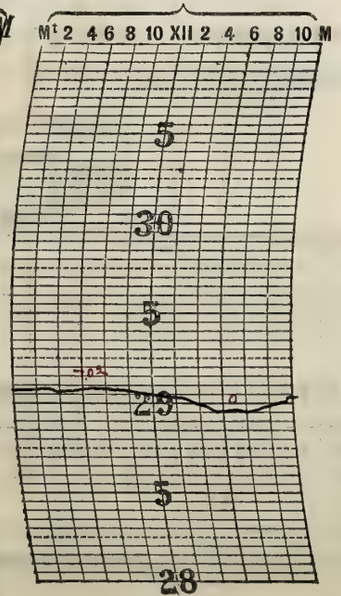
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 90.0 Wet temperature, 75.0
Dew-point, 69 R. humidity, 50 V. pressure, .707
Clouds: Amount, 8; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

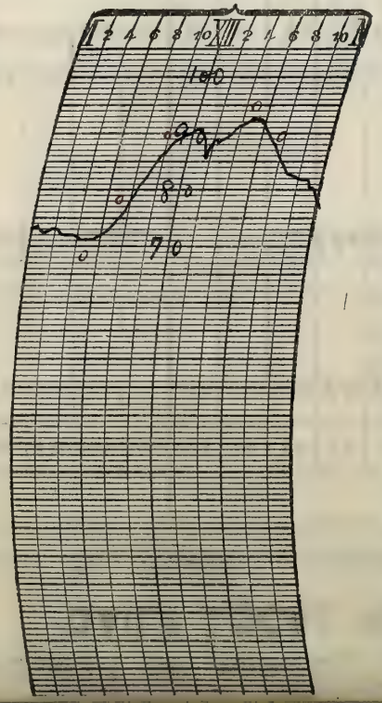
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The cloudiness varied somewhat in amount throughout the day. Brighter stars and moon visible through thin clouds at night.

The temperature rose rapidly during the morning, fell off slightly after noon but rose again and continued high in the afternoon and into the night.

Prepared by O.E.R.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 6 1924, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	72	72	72	73	76	82	83	87	90	92	93	91	82	79	80	79	79	77	76	72	71	69
State of weather: Nature of precipitation and time of beginning and ending															RB 2:03	RE 3:20	RB 4:20 RE 435					RB 9:30	--	RE DR
Amounts of precipitation															.02	.02	T					T	.06	.02
Cloudiness and other conditions					← Clear			→		Pt Cldy			→		Cloudy					→				
Sunshine (in tenths of hours)					.30 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0	0					
Wind direction	NW	NW	NW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	4	4	4	6	7	9	12	12	15	15	15	19	22	22	15	16	14	9	8	9	6	7	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:42 Character, Clear
Moonrise: 10:41a Cloudy
Sunset: Time, 6:52 Character, Cloudy
Moonset: 10:17p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

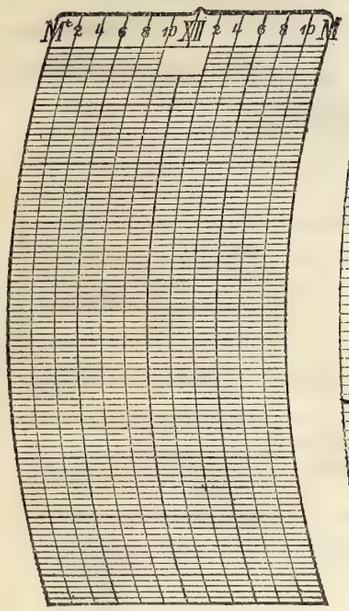
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
93	69	81	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.7 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 61
Prevailing wind direction, SW Total wind 261
Average hourly velocity, 10.9 Extreme velocity, 30
Maximum velocity, 28 Direction, SW
Time began, 1:05 p.m.
Reduced barometer, 29.83 7 a. m. 29.74 7, p. m.
River gage, 1.8 feet
Relative humidity, 75 7 a. m. 71 7 p. m.

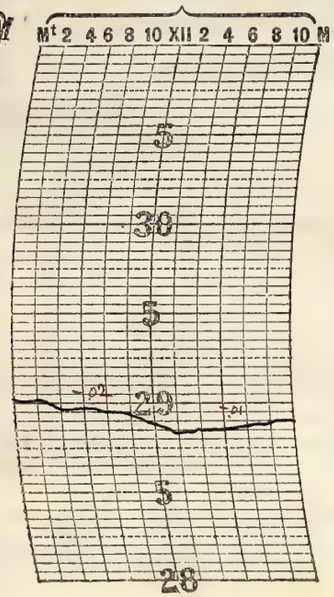
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 92.0 Wet temperature, 74.0
Dew-point, 66 R. humidity, 43 V. pressure, .638
Clouds: Amount, 5 Cu; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

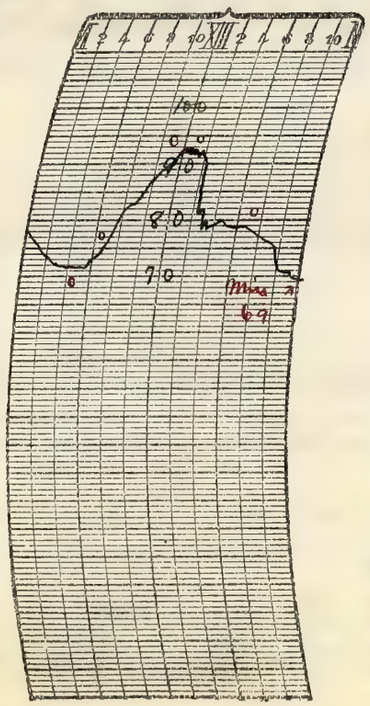
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began 2:00 pm ended 3:20 p.m.
Clear in the morning with gradually increasing cloudiness to the afternoon when there were showers. The sky continued overcast into the night and a steady rain set in about 9:30 and continued till near midnight.
The temperature rose rapidly in the morning and it became hot and sultry about noon. The first shower in the afternoon cooled off the atmosphere considerably. There was a moderate southwest wind during the middle of the day.
Two deaths resulting from heat prostrations were reported from nearby counties.

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 7 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	66	65	64	65	67	68	70	73	76	77
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cldy		Cldy		Pt Cldy	
Sunshine (in tenths of hours)					0	0	0.5	0	0	0	0.8	0.9
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	7	8	7	7	5	6	7	7	5	6	6	10

Sunrise: Time, 4:43 Character, Cloudy
Moonrise: 11:47 a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	82	82	82	81	80	78	75	73	71	71	70
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cldy					Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.3 0					
Wind direction	W	W	W	W	W	W	W	W	NW	N	N	N
Wind movement	9	13	12	15	12	9	6	6	5	3	2	4

Sunset: Time, 6:51 Character, Cloudy
Moonset: 10:53 p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

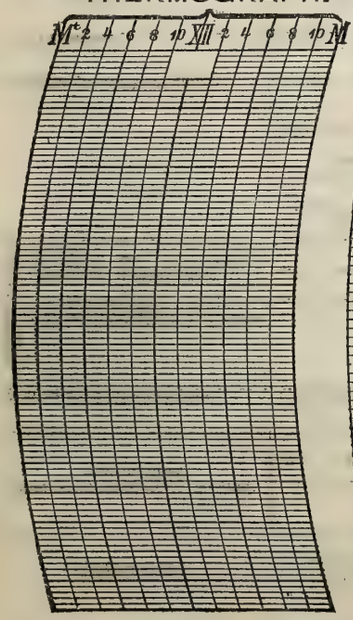
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	64	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, First Quarter 9:41 p.m.
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.5 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 60
Prevailing wind direction, NW Total wind 177
Average hourly velocity, 7.4 Extreme velocity, 21
Maximum velocity, 17 Direction, W
Time began, 2:51 p.m.
Reduced barometer, 29.91 7 a. m. 29.91 7 p. m.
River gage, 1.9 feet
Relative humidity, 90 7 a. m. 51 7 p. m.

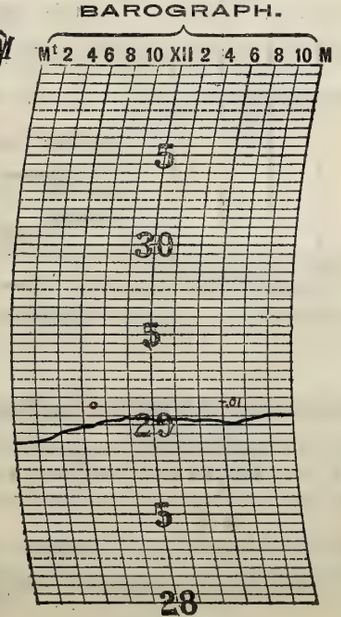
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.3 Wet temperature, 68.5
Dew-point, 65 R. humidity, 68 V. pressure, .616
Clouds: Amount, 5; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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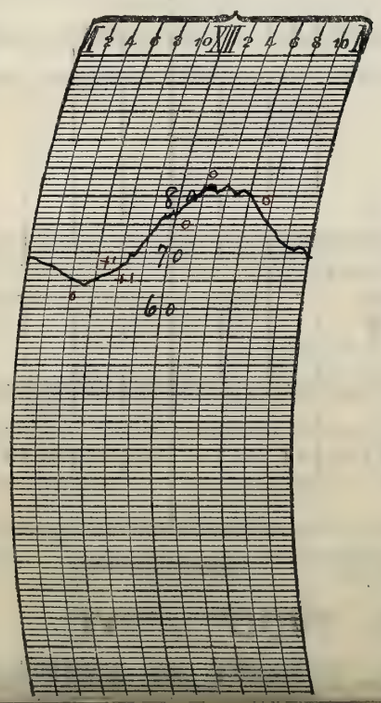


NOTES.

The day was cloudy to partly cloudy in the forenoon and clear in the afternoon. Moon and stars bright at night. Moderate temperatures.

Prepared by OER

Verified by F. M. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 8 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	66	66	66	70	77	80	83	84	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear			×	Cloudy	
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	0.2
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	3	3	5	7	7	6	7	9	10	13	14

Sunrise: Time, 4:44 Character, Clear
Moonrise: 12:56p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	72	65	75	78	77	75	74	71	69	68	67
State of weather: Nature of precipitation and time of beginning and ending		RB 1:25	RE 2:25				RB 6:40	- -	- -	-	- -	Cont'd
Amounts of precipitation		.13	T				T	.04	.09	.02	.10	.23
Cloudiness and other conditions		Cloudy	×	Clear	×		Cloudy			→		
Sunshine (in tenths of hours)	0	0	0	0.9	1.0	0	0					
Wind direction	W	W	S	SW	SW	SW	W	SW	S	W	SW	SW
Wind movement	12	13	9	11	16	8	11	11	12	9	13	11

Maximum velocities (exceeding 29 miles) direction and time: 33 W 1:39

Sunset: Time, 6:49 Character, Cloudy
Moonset: 11:34p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	65	74	

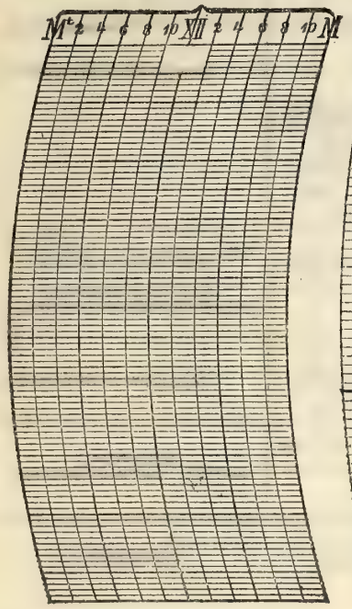
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.3 ins.
Total precipitation, midnight to midnight, 1.61 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.4 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 60
Prevailing wind direction, SW Total wind 225
Average hourly velocity, 9.4 Extreme velocity, 50
Maximum velocity, 33 Direction, W
Time began, 1:39 p.m.
Reduced barometer, 29.96 7 a. m. 29.90 7 p. m.
River gage, 1.8 feet
Relative humidity, 77 7 a. m. 75 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

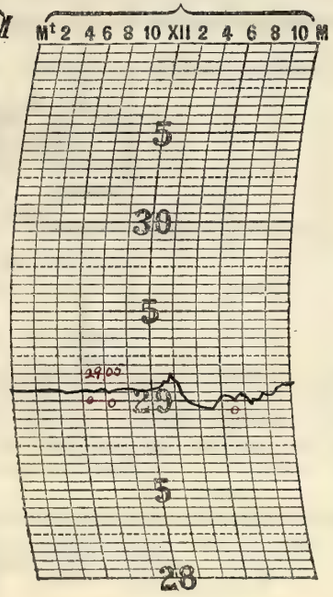
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.5 Wet temperature, 72.5
Dew-point, 68 R. humidity, 56 V. pressure, .684
Clouds: Amount, 4; Kind, Cu a ST; Direction, SW
Velocity of clouds (miles per hour)

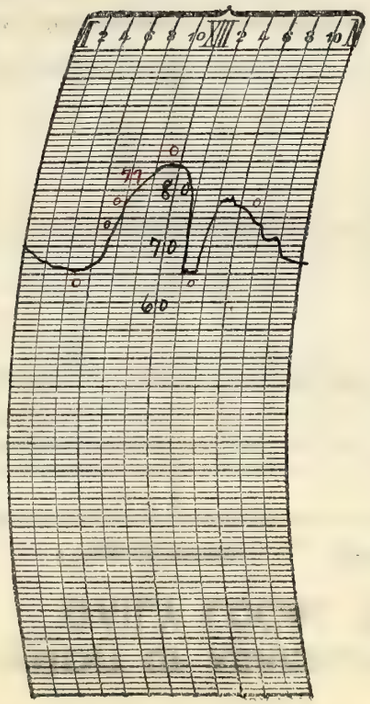
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by O.G.R.
Verified by P. McDonough

8—486

NOTES.

Thunderstorm from the west began 1.23 p.m. and ended 2.25 p.m. A second thunderstorm began at 7:10 p.m. and continued past midnight. Some damage to power lines and telephone property was caused by lightning during the second storm.

The amount of cloudiness varied during the day. There was a small shower with a brisk wind, for a short period only, in the afternoon and a steady rain which started about the time of the p.m. observation and continued past midnight. During the afternoon there were marked changes in temperature and the barometer fluctuated considerably from noon till midnight.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 9 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	63	65	64	67	68	70	73	71	71
State of weather. Nature of precipitation and time of beginning and ending	–	–	–	–	RE DN							
Amounts of precipitation	.22	.25	.11	.03								
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.5	0.9	0.6	0	0
Wind direction	SW	SW	S	S	S	NE	NE	NW	W	W	NW	NW
Wind movement	6	10	17	13	4	3	4	6	9	10	10	8

Sunrise: Time, 4:44 Character, Cloudy
Moonrise: 2:05 p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	74	76	78	79	77	76	71	67	65	64	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cldy →								× Clear →			
Sunshine (in tenths of hours)	0	0.4	1.0	1.0	0.9	0.6 0	0.1 0					
Wind direction	NW	W	SW	SW	W	SW	W	NW	NW	NW	NW	NW
Wind movement	7	4	6	6	5	4	5	9	10	9	7	7

Sunset: Time, 6:48 Character, Cloudy
Moonset: — —

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

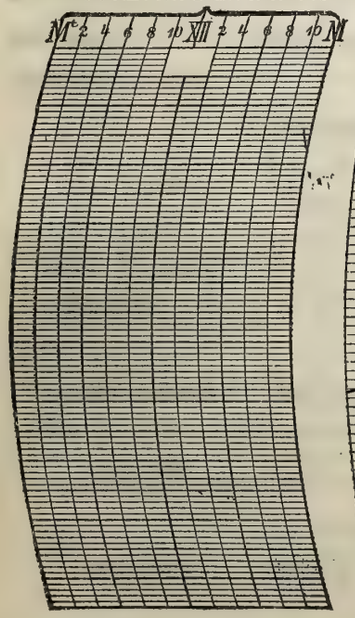
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	63	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.09 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .61 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.0 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 43
Prevailing wind direction, NW Total wind 179
Average hourly velocity, 7.5 Extreme velocity, 23
Maximum velocity, 22 Direction, SE
Time began, 3:09 a.m
Reduced barometer, 29.95 7 a. m. 30.00 7, p. m.
River gage, 20 feet
Relative humidity, 85 7a. m. 73 7 p. m.

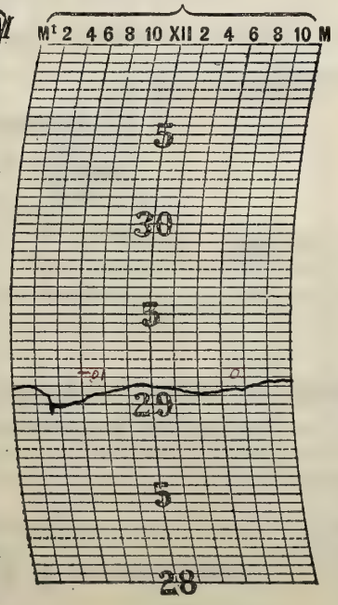
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.9 Wet temperature, 65.8
Dew-point, 63 R. humidity, 77 V. pressure, .575
Clouds: Amount, 10; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

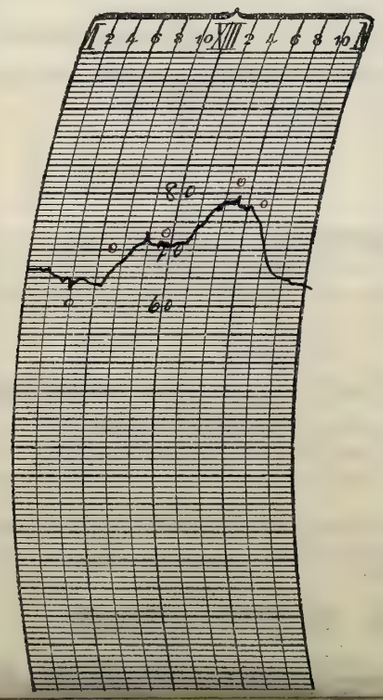
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm continued from the previous date and ended during the night a.m. There was considerable lightning about 1:00 a.m. Some damage to power lines and telephone property was reported from this storm.

The rain from the previous date continued until early morning. The sky was mostly cloudy until late afternoon when the clouds became thinner. Moonlight.

Prepared by O.G.R.
Verified by P. McDonough

FORM NO. 1014—MET. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 10 1924, 192

Time (local standard), 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	60	60	57	60	61	64	67	68	70	71	71	72	73	74	72	71	69	67	65	64	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear				×		Pt Cldy			×	Clear			→		
Sunrise: Time, Character	4:45 Clear																							
Moonrise:	3:11p Cloudy																							
Sunset: Time, Character																					6:47 Cloudy			
Moonset:																					12:20a Clear			
Sunshine (in tenths of hours)					2.5 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	1.0	1.0	0.7	0					
Wind direction	NW	NW	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	NE	NE	NE	NE	0	NE
Wind movement	8	10	9	10	7	7	8	10	11	11	7	8	8	5	6	6	5	4	3	2	1	1	0	2
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	57	66	

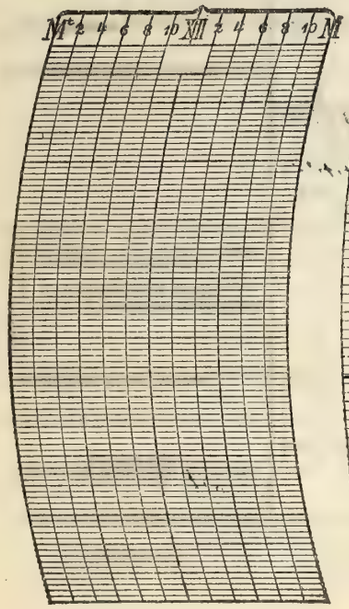
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.6 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 90
Prevailing wind direction, NE Total wind 149
Average hourly velocity, 6.2 Extreme velocity, 14
Maximum velocity, 14 Direction, NE
Time began, 8:19 a. m.
Reduced barometer, 30.14 7 a. m. 30.10 7 p. m.
River gage, 1.9 feet
Relative humidity, 78 7 a. m. 56 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

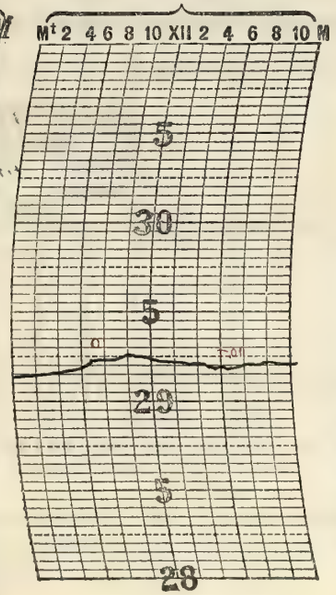
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.0 Wet temperature, 58.4
Dew-point, 50 R. humidity, 50 V. pressure, .360
Clouds: Amount, 3; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

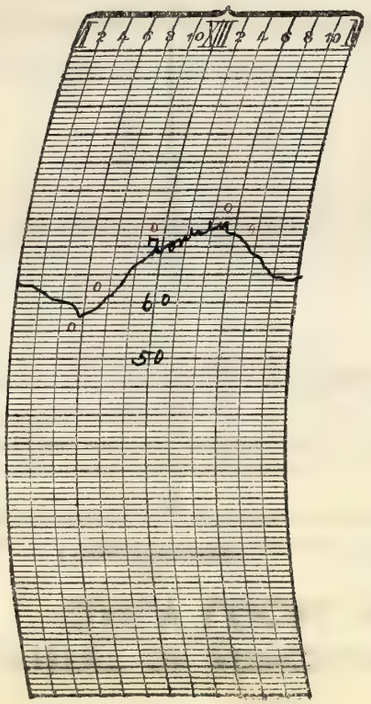
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The amount of cloudiness increased slowly until about the middle of the afternoon and then decreased. Clear at night with moonlight. Temperatures somewhat lower than the seasonal average.

Prepared by O.E.R.
Verified by C. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 11 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	63	62	62	62	62	64	67	68	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy							
Sunrise: Time, Character,	4:47 Cloudy											
Moonrise:	4:14p Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.2	0.3	0	0.1
Wind direction	NE	E	E	E	SE	SE	SE	SE	S	S	S	S
Wind movement	2	3	3	4	3	2	2	3	6	9	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	66	66	66	65	64	64	63	62	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→ Clear →			
Sunset: Time, Character,									6:45 Cloudy			
Moonset:									1:14a Cloudy			
Sunshine (in tenths of hours)	0.7	0.4	0	0	0	0	0					
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	11	11	11	11	8	5	5	4	2	3	3	5

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

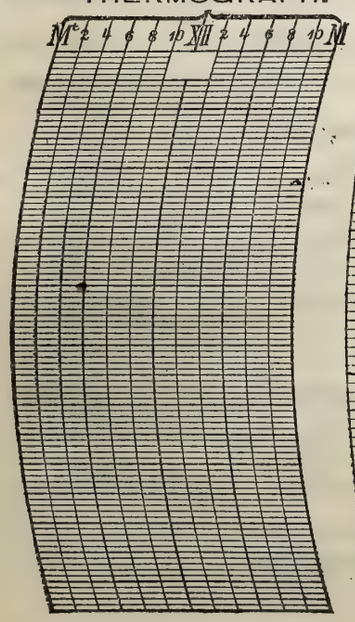
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	61	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.7 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 12
Prevailing wind direction, S Total wind 137
Average hourly velocity, 5.7 Extreme velocity, 15
Maximum velocity, 15 Direction, S
Time began, 2:31 p.m
Reduced barometer, 30.11 7 a. m. 30.047, p. m.
River gage, 1.9 feet
Relative humidity, 81 7 a. m. 81 7 p. m.

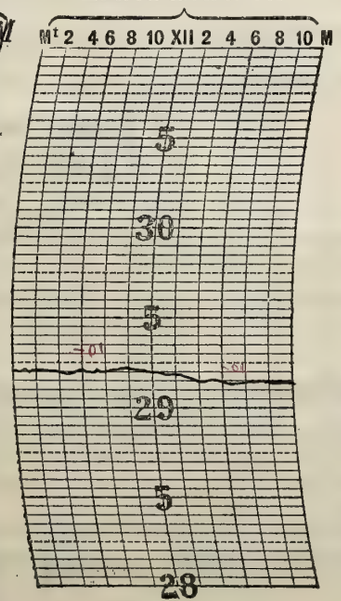
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.8 Wet temperature, 59.5
Dew-point, 54 R. humidity, 62 V. pressure, 417
Clouds: Amount, 3 6 Few; Kind, St Cu a St Cu; Direction, SW W SW
Velocity of clouds (miles per hour)

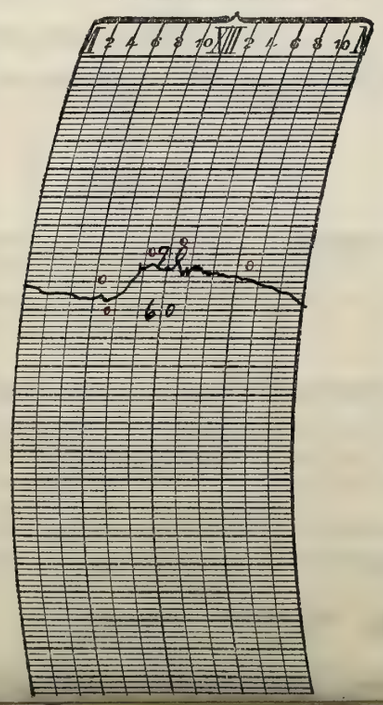
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Lower clouds prevailed during the greater part of the day. The sky became clear after about 8 p.m. and there was bright moonlight. The temperatures remained low for the season and there was only a small variation in temperature during the 24 hours.

Prepared by O.E.R.
Verified by P. McDonough

FORM NO. 1012—MAY 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 12 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	57	56	54	54	58	62	64	68	70	73	75	77	79	77	75	71	70	68	67	66	66	66
State of weather. Nature of precipitation and time of beginning and ending																		RB 5:12 RE 5:19						
Amounts of precipitation																		T						
Cloudiness and other conditions										Clear								Pt Cldy						
Sunrise: Time, Character,	4:48 Clear																							
Moonrise:	5:10p Cloudy																							
Sunset: Time, Character,																					6:44 Cloudy			
Moonset:																					2:13a Clear			
Sunshine (in tenths of hours)					2.0 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0					
Wind direction	W	W	NW	NW	NW	NW	NW	N	N	NW	NW	SW	SW	SW	W	W	W	W	W	W	W	W	SW	SW
Wind movement	5	7	7	5	5	5	4	4	4	5	5	6	7	8	8	10	10	10	5	4	4	4	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 11.5 Possible sunshine, hours, 13.9

Per cent of possible sunshine, 83

Prevailing wind direction, W Total wind 145

Average hourly velocity, 6.0 Extreme velocity, 22

Maximum velocity, 17 Direction, NW

Time began, 5:10 p. m.

Reduced barometer, 30.10 7 a. m. 30.04 7 p. m.

River gage, 1.9 feet

Relative humidity, 83 7 a. m. 68 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

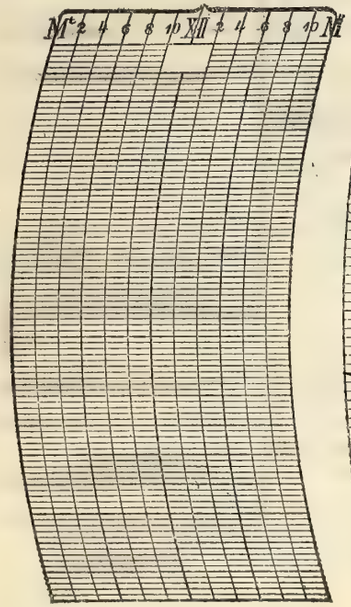
Dry temperature, 72.3 Wet temperature, 59.3

Dew-point, 50 R. humidity, 46 V. pressure, 360

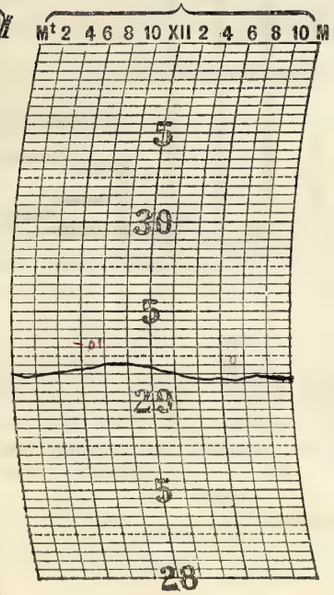
Clouds: Amount, Few; Kind, St cu; Direction, W

Velocity of clouds (miles per hour)

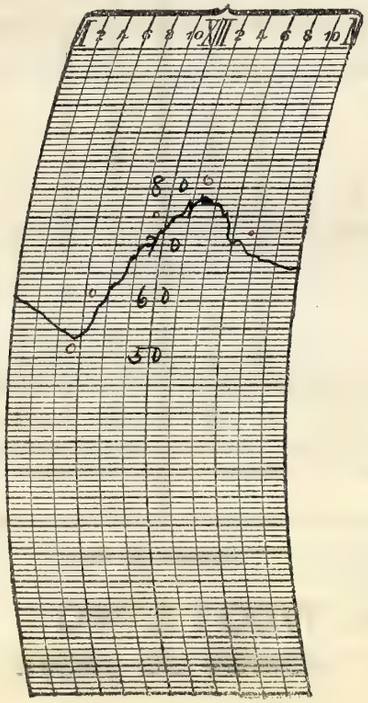
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was cloudless in the morning and there were very few clouds until the middle of the afternoon when it became partly cloudy. The moon shone at intervals throug the clouds.

A lunar corona was observed about 8 p. m.

Prepared by O.E.R.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 13 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	63	62	62	62	63	63	65	68	71
State of weather: Nature of precipitation and time of beginning and ending				RB DN	- -	- -	RE 6:15			RB 9:40	RE 10:25	
Amounts of precipitation				.02	.02	T	T			T	T	
Cloudiness and other conditions					←		Cloudy				×	Pt cldy
Sunshine (in tenths of hours)					0	0	0	0	0	0	1.0	1.0
Wind direction	SW	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	8	7	7	6	5	4	5	5	5	6	5	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	69	69	69	69	67	66	63	61	58	56	55
State of weather: Nature of precipitation and time of beginning and ending	RB 12:30 RE 12:55											
Amounts of precipitation	.06											
Cloudiness and other conditions	Pt cldy ×	cldy	×	Pt cldy	×			Clear		→		
Sunshine (in tenths of hours)	0.6	0.5	0.8	0.9	1.0	0.6 0.4	.12 0					
Wind direction	W	N	N	N	N	N	N	N	N	N	N	N
Wind movement	10	10	14	13	12	8	5	5	4	5	5	4

Sunrise: Time, 4:49 Character, Cloudy
Moonrise: 6:01 p Cloudy

Sunset: Time, 6:43 Character, Clear
Moonset: 3:18 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

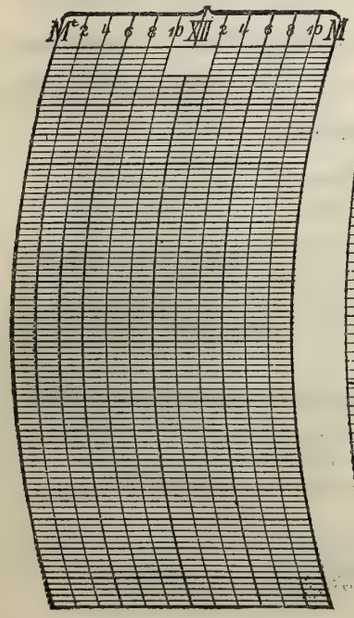
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.5 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 54
Prevailing wind direction, N Total wind 165
Average hourly velocity, 6.9 Extreme velocity, 23
Maximum velocity, 19 Direction, N
Time began, 12:35 p. m.
Reduced barometer, 30.06 7 a. m. 30.11 7 p. m.
River gage, 1.9 feet
Relative humidity, 89 7 a. m. 59 7 p. m.

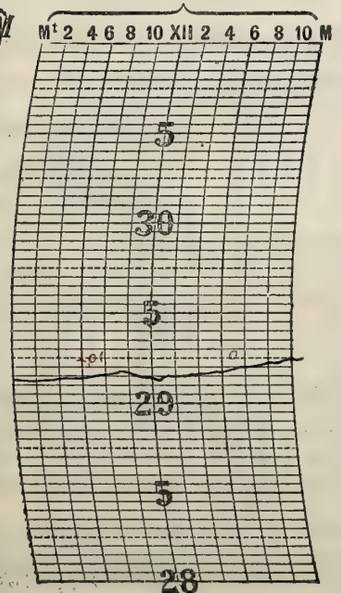
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.1 Wet temperature, 63.7
Dew-point, 60 R. humidity, 70 V. pressure, 517
Clouds: Amount, 5; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

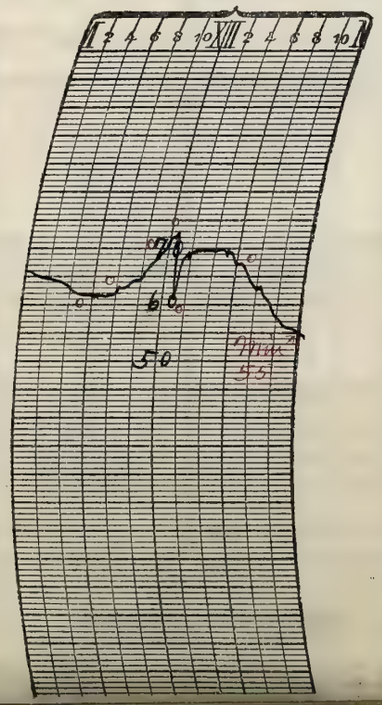
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was mostly cloudy until the middle of the afternoon when it began to clear. Clear at night with moonlight from the full moon.

The temperatures remained low for the season. There was a sharp drop of about 12 degrees during the shower that occurred shortly after noon.

Prepared by OEP

Verified by P. McDonough

8—486

FORM NO. 1014—MET.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 14 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	53	52	51	52	56	61	63	66	67	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				→
Sunshine (in tenths of hours)					.17 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	NE	NE	NE	NE	NE	E	E	E	SE	SE
Wind movement	5	5	5	5	4	6	5	7	5	4	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	73	74	73	73	72	70	68	67	65	63	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			←	Cloudy	→		←	Clear				→
Sunshine (in tenths of hours)	1.0	1.0	0.8	1.0	1.0	0.6 0.4	0.3 0					
Wind direction	SE	S	W	S	SW	S	S	S	S	SE	SE	SE
Wind movement	5	6	4	6	6	5	3	3	3	6	6	6

Sunrise: Time, 4:50 Character, Clear
Moonrise: 6:44p Clear
Sunset: Time, 6:41 Character, Cloudy
Moonset: 4:26a Clear

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

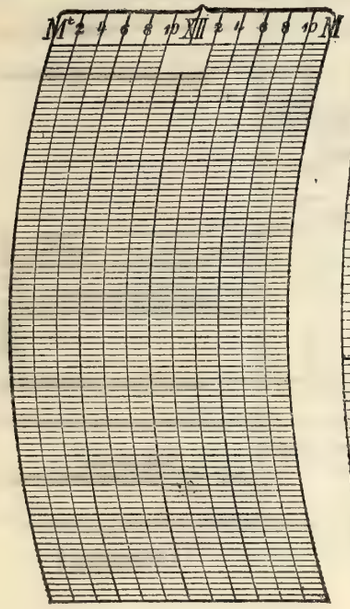
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	51	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full moon 2:19 pm.
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.3 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 96
Prevailing wind direction, SE-S Total wind 119
Average hourly velocity, 5.0 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 2:57 p m
Reduced barometer, 30.22 7 a. m. 30.12 7, p. m.
River gage, 1.9 feet
Relative humidity, 73 7 a. m. 50 7 p. m.

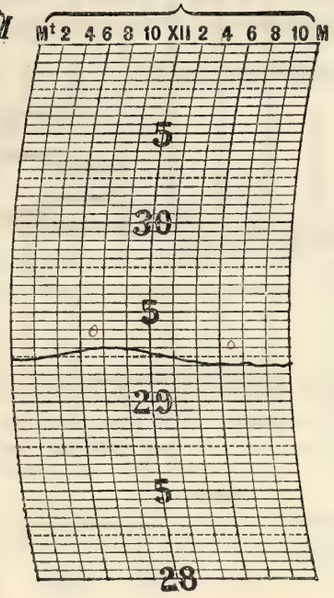
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.5 Wet temperature, 57.0
Dew-point, 48 R. humidity, 49 V. pressure, 334
Clouds: Amount, 2; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

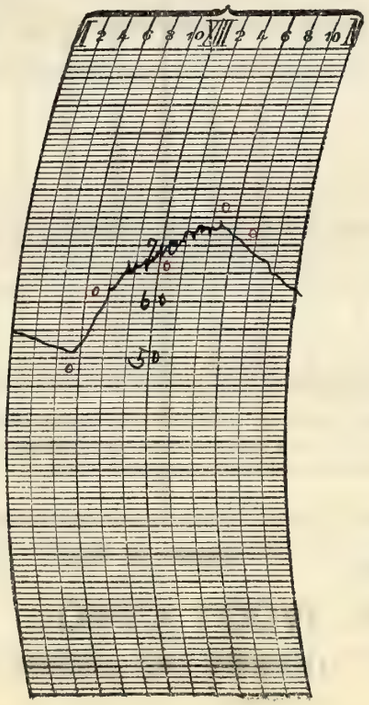
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was clear during the greater part of the day. Clear at night with bright moonlight. Temperatures were rather low in the early morning but it warmed up somewhat during the day.

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 15 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	59	58	57	61	67	70	74	76	77	78	81	80	79	77	76	75	73	73	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Pt cldy				→ Clear				← Pt cldy			→ Cloudy							
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0					
Wind direction	SE	SE	SE	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	S	S	SW	S	S	S	SE
Wind movement	6	8	5	4	6	8	8	10	13	13	14	14	13	12	12	10	8	5	5	6	6	5	5	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:51 Character, Cloudy
Moonrise: 7:22 p
Sunset: Time, 6:40 Character, Cloudy
Moonset: 5:35 a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

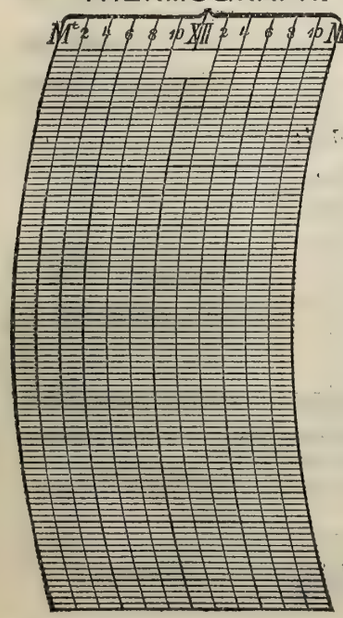
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	57	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.5 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 62
Prevailing wind direction, S Total wind 203
Average hourly velocity, 8.5 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 10:25 a
Reduced barometer, 30.10 7 a. m. 29.98 7, p. m.
River gage, 1.8 feet
Relative humidity, 68 7 a. m. 53 7 p. m.

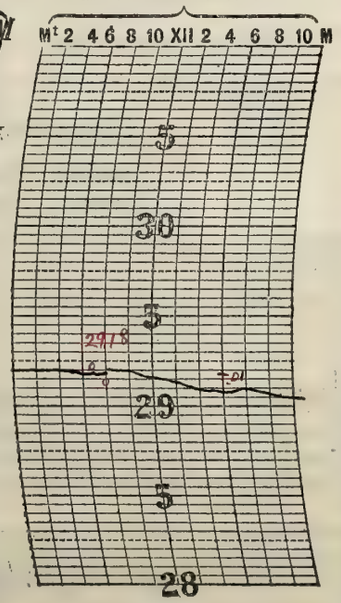
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.2 Wet temperature, 60.7
Dew-point, 49 R. humidity, 37 V. pressure, .347
Clouds: Amount, Few 1; Kind, Cirrus; Direction, NW
Velocity of clouds (miles per hour)

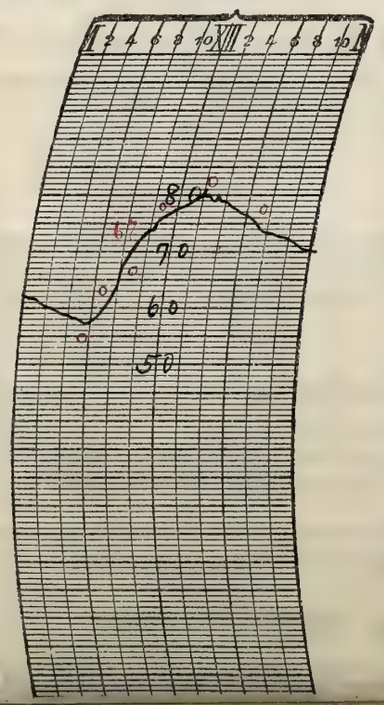
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Upper clouds prevailed until about the middle of the afternoon when they became heavier and lower. Cloudy into the night.

The temperature rose rapidly during the forenoon and it remained warm at night.

Prepared by O.E.R.

Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 16 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	68	67	67	67	64	64	65	69	73	72	72	73	73	71	68	66	64	62	61	60	58
State of weather: Nature of precipitation and time of beginning and ending				RB DN	RE DN		RB 6:50	- - -	RE 8:15						RB 2:30 RE 2:40									
Amounts of precipitation				T	T		T	.01	T						T									
Cloudiness and other conditions	← Cloudy →																				← Clear →			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0				
Wind direction	S	S	S	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	6	8	7	7	5	10	11	12	8	11	12	11	11	9	8	7	11	10	10	10	7	8	7	5

Sunrise: Time, 4:52 Character, Cloudy
Moonrise: 7:56p Cloudy

Sunset: Time, 6:39 Character, Cloudy
Moonset: 6:42a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

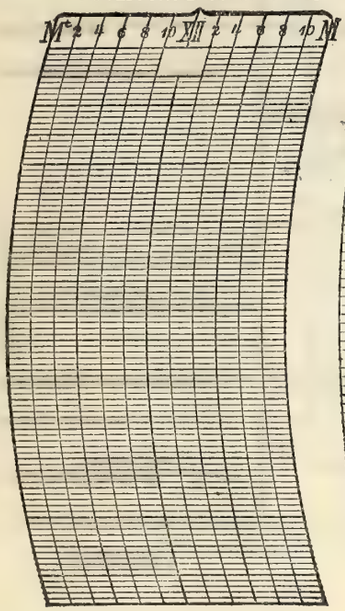
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.4 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 3
Prevailing wind direction, SW Total wind 211
Average hourly velocity, 8.8 Extreme velocity, 22
Maximum velocity, 21 Direction, SW
Time began, 7:09 a.m.
Reduced barometer, 29.92 7 a. m. 29.967, p. m.
River gage, 1.8 feet
Relative humidity, 78 7 a. m. 85 7 p. m.

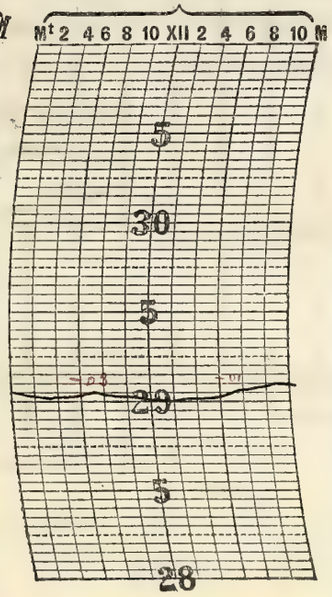
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.0 Wet temperature, 67.0
Dew-point, 64 R. humidity, 73 V. pressure, 595
Clouds: Amount, 6; Kind, St cu a cu; Direction, SW
Velocity of clouds (miles per hour)

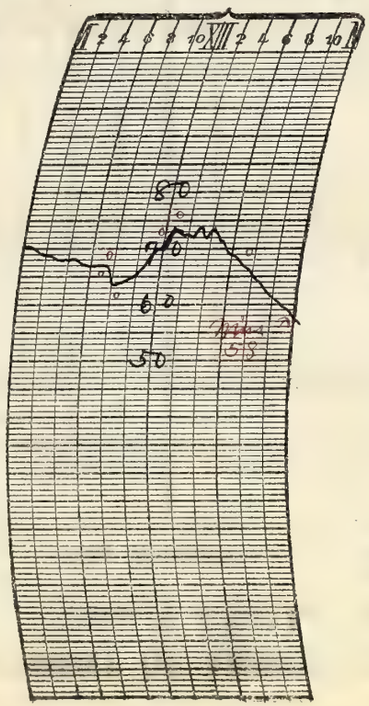
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy clouds prevailed during the greater part of the day. There were three small showers recorded and rain threatened at other times. The sky cleared in a short while about 8 p. m. Moonlight during the later part of the night.

Prepared by J.E.R.
Verified by T. M. O'Donnogh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 17 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	53	53	51	51	56	59	63	65	67	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear					Hdy	→
Sunshine (in tenths of hours)					.12 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	N	N	N	N	N	N	N	N	NW	NW
Wind movement	5	7	4	4	6	5	3	4	4	9	11	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	70	71	70	68	65	62	60	57	56	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.5 0.5	.62 0					
Wind direction	NW	NW	NW	N	N	NW	N	N	N	N	N	N
Wind movement	12	14	11	9	11	9	8	6	4	5	3	4

Sunrise: Time, 4:53 Character, Clear
Moonrise: 8:27 p Clear

Sunset: Time, 6:37 Character, Clear
Moonset: 7:47 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

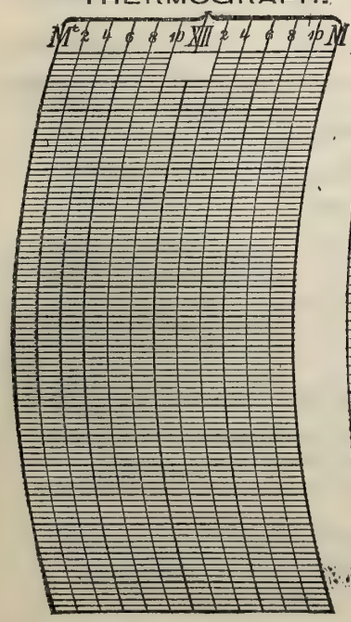
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	50	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.7 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind 172
Average hourly velocity, 7.2 Extreme velocity, 17
Maximum velocity, 16 Direction, NW
Time began, 12:25 p.m
Reduced barometer, 30.09 7 a. m. 30.08 7 p. m.
River gage, 1.8 feet
Relative humidity, 77 7 a. m. 61 7 p. m.

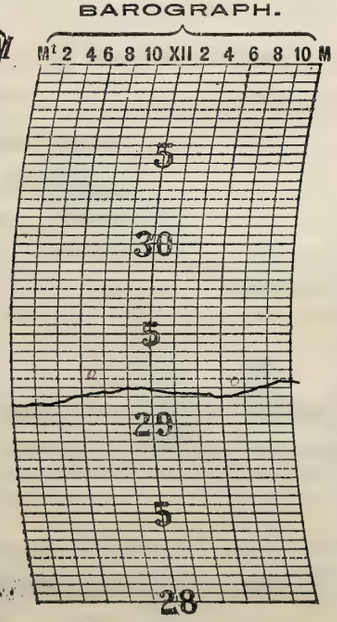
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.9 Wet temperature, 56.9
Dew-point, 49 R. humidity, 51 V. pressure, .347
Clouds: Amount, 3; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

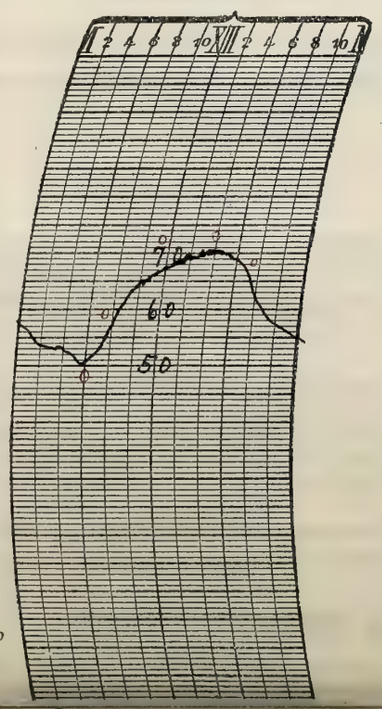
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was clear in the morning and evening with cumulus clouds during the middle of the day.
The temperature continued low for the season.

Prepared by OER
Verified by P. McDonough

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 18 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	54	54	53	52	51	56	58	62	64	66	69	69	71	71	73	71	70	69	68	67	66	66	64
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:20 RE 7:55				
Amounts of precipitation																				T				
Cloudiness and other conditions					← Clear							×	Pt cldy						×	Cloudy →				

Sunrise: Time, 4:54 Character, Clear
Moonrise: 8:58 p Cloudy
Sunset: Time, 6:36 Character, Cloudy
Moonset: 8:51 a Clear

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0	0					
Wind direction	N	NE	NE	NE	NE	NE	NE	E	NE	NE	E	E	E	E	NE	E	SE	E	E	E	SE	SE	SE	SE
Wind movement	4	4	3	3	4	5	6	7	5	5	3	5	5	4	5	4	4	4	3	2	4	4	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

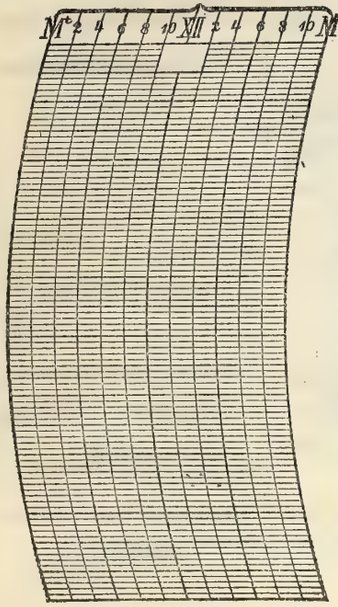
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	51	62	.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.8 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 79
Prevailing wind direction, NE-E Total wind 104
Average hourly velocity, 4.3 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 8:13 a m
Reduced barometer, 30.21 7 a. m. 30.14 7 p. m.
River gage, 1.8 fus
Relative humidity, 71 7 a. m. 45 7 p. m.

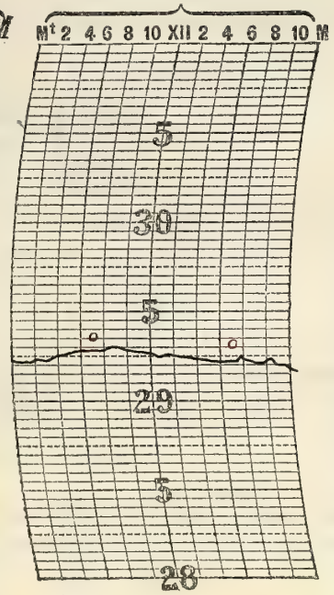
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.0 Wet temperature, 54.5
Dew-point, 42 R. humidity, 38 V. pressure, .266
Clouds: Amount, 4; Kind, Ci St; Direction, NW
Velocity of clouds (miles per hour)

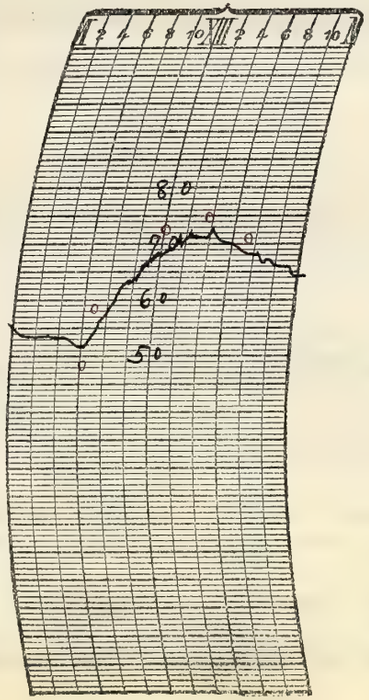
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moonlight in early morning.
22° Solar Halo observed 4:50 p.m. to 5:05 p.m. with Parhelia at left — halo slightly colored red.
The sky was entirely clear for some time during the morning. Upper clouds appeared about 10 a.m. and gradually became thicker and lower during the afternoon. A light shower occurred in the late evening and the sky was overcast into the night.
The temperature rose rapidly during the forenoon and it remained relatively high during the night altho the weather was still cool for the season.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 19 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	62	60	59	59	60	62	64	66	70	67	67	68	68	65	66	67	67	66	65	64	64	64
State of weather. Nature of precipitation and time of beginning and ending															RB 2:33	RE 3:15								
Amounts of precipitation															.09	T								
Cloudiness and other conditions						←					Cloudy									→				

Sunrise: Time, 4:55 Character, Cloudy
Moonrise: 9:28 p Cloudy
Sunset: Time, 6:34 Character, Cloudy
Moonset: 9:52 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0					
Wind direction	SE	SE	E	E	SE	E	SE	SE	SE	SE	S	NE	NE	E	NW	SW	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	6	6	6	5	4	4	4	4	6	9	9	7	9	5	6	8	6	5	5	4	4	2	1	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

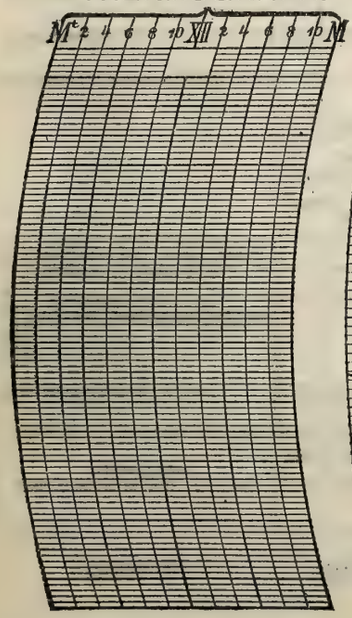
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	59	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.9 ins.
Total precipitation, midnight to midnight, 0.9 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.3 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 2
Prevailing wind direction, S E Total wind 129
Average hourly velocity, 5.4 Extreme velocity, 16
Maximum velocity, 16 Direction, N W
Time began, 2:10 p. m
Reduced barometer, 30.09 7 a. m. 29.88 7 p. m.
River gage, 1.8 feet
Relative humidity, 73 7 a. m. 84 7 p. m.

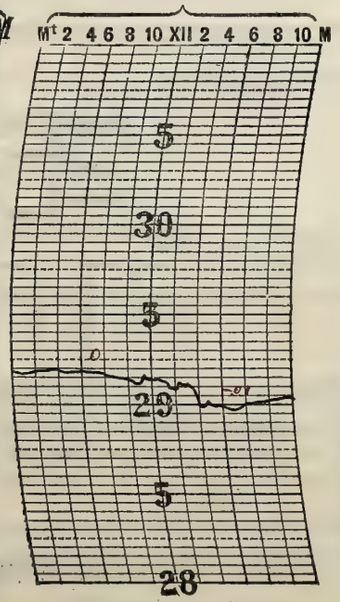
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.0 Wet temperature, 61.0
Dew-point, 57 R. humidity, 71 V. pressure, 4.65
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

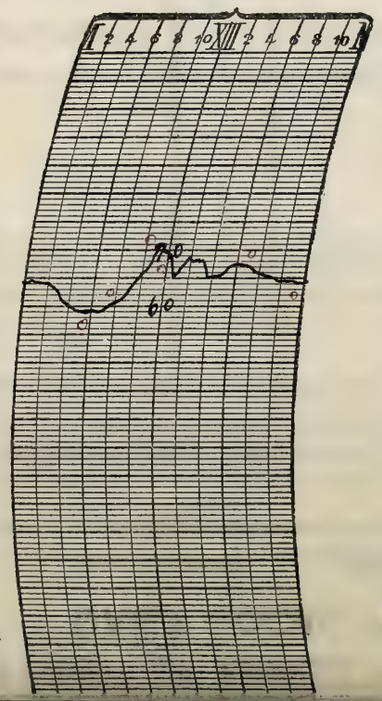
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began at 11:30 a.m and ended 11:35 am. A second thunderstorm began 2:33 p.m and ended 3:15 pm. There was no rain recorded at the station during the first thunderstorm altho quite a shower occurred in the north part of the city.

The sky was overcast the entire day. It cleared somewhat late at night. The weather was slightly cool and there was only a small variation in temperature during the 24 hours.

Prepared by J. E. R.
Verified by T. McDonough

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 20 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	67	69	70	70	69	70	72	75	77	78	82	83	84	82	82	81	80	79	77	76	74	73
State of weather: Nature of precipitation and time of beginning and ending			RB 2:57	RE DN																		RB 9:00		RE DN
Amounts of precipitation			T	T																		T	T	T
Cloudiness and other conditions					← Cloudy					Rt cldy			× clear ×			Pt cldy			× Cloudy			→		

Sunrise: Time, 4:56 Character, Cloudy
Moonrise: 9:59p Cloudy
Sunset: Time, 6:33 Character, Cloudy
Moonset: 10:51a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0.5	1.0	0.9	1.0	1.0	1.0	0.2	0.3	0	0					
Wind direction	S	S	S	SW	SW	W	NW	NE	N	NW	SW	W	W	W	W	W	NW	NW	NW	NW	N	N	N	N
Wind movement	7	10	8	6	3	5	4	1	2	3	8	10	12	12	11	10	8	7	4	3	4	5	4	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

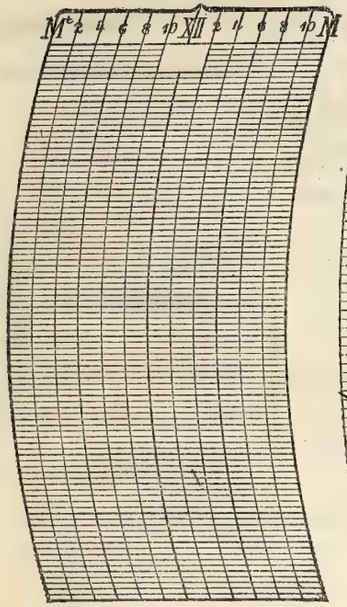
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	64	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.9 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 43
Prevailing wind direction, W-NW Total wind 152
Average hourly velocity, 6.3 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 1:22 p m.
Reduced barometer, 29.93 7 a. m. 29.98 7, p. m.
River gage, 1.8 feet
Relative humidity, 90 7 a. m. 72 7 p. m.

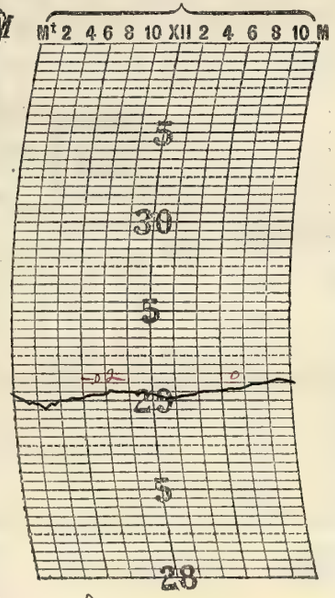
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.3 Wet temperature, 68.3
Dew-point, 63 R. humidity, 60 V. pressure, .575
Clouds: Amount, 3/1; Kind, a St/St; Direction, W/W
Velocity of clouds (miles per hour)

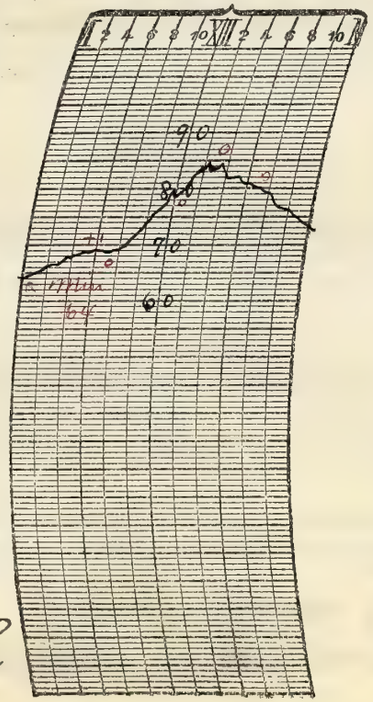
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began 2:57 a.m. and ended during the night a.m.
There was a light shower in the early morning and another shower late at night. The clouds were heavy in the early morning and again in the evening with clearing somewhat during the middle of the day. The temperatures were moderate.

Prepared by C. E. P.
Verified by C. M. Hennigh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 21 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	70	70	70	70	71	71	74	77	81	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					<	Cloudy					X	Cldy
Sunshine (in tenths of hours)					0	0	0	0.2	1.0	0.8	0.8	0.8
Wind direction	NE	E	E	E	E	E	E	E	E	E	SE	SE
Wind movement	4	3	4	6	5	6	6	6	7	7	6	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	88	89	91	91	89	86	85	80	77	74	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy	X	Cldy	X	Pt	Cldy	X	Clear		>		
Sunshine (in tenths of hours)	0.9	0.8	0.8	1.0	1.0	0	0					
Wind direction	S	SE	S	S	SW	S	S	SE	E	E	E	E
Wind movement	7	7	7	5	6	4	5	5	6	5	4	3
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:57; Character, Cloudy. Moonrise: 10:32p; Cloudy.

Sunset: Time, 6:31; Character, Cloudy. Moonset: 11:49a; Cloudy.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	70	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy; Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.1; Possible sunshine, hours, 13.6
Per cent of possible sunshine, 60
Prevailing wind direction, E; Total wind 130
Average hourly velocity, 54; Extreme velocity, 10
Maximum velocity, 10; Direction, SW
Time began, 1:53 p.m.
Reduced barometer, 30.06 7 a. m. 29.92 7 p. m.
River gage, 1.8 feet
Relative humidity, 91 7 a. m. 68 7 p. m.

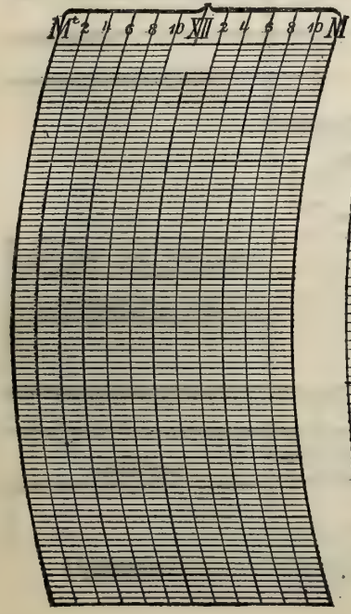
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

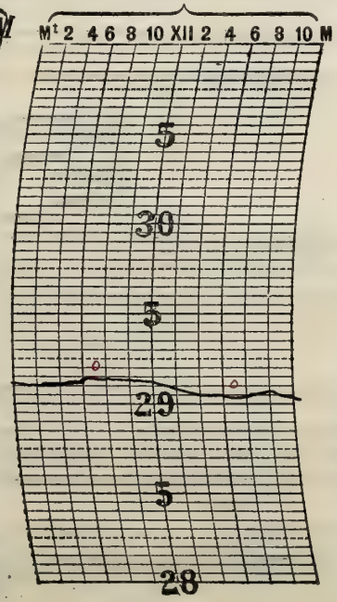
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 83.5; Wet temperature, 75.5
Dew-point, 72; R. humidity, 70; V. pressure, .783
Clouds: Amount, 7; Kind, Cu; Direction, S
Velocity of clouds (miles per hour)

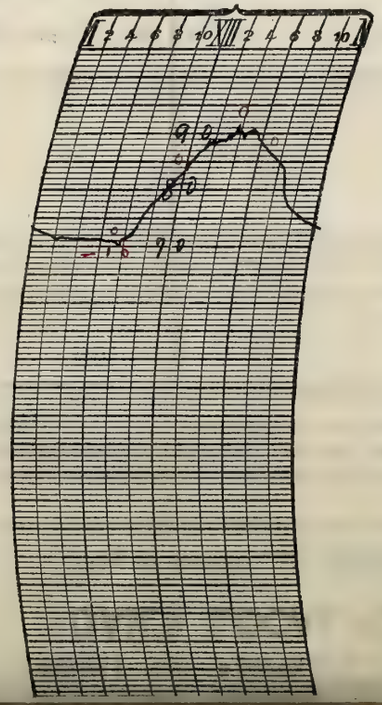
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Mostly cloudy during the forenoon with gradually clearing in the afternoon. Brighter stars visible at night.

The temperatures were high in the afternoon and it remained warm through the night.

Prepared by O.E.R.

Verified by J. M. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 22 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	74	75	75	75	75	78	79	83	86	87	88
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy						Pt cloudy →	
Sunshine (in tenths of hours)					0	0	0	0.3	1.0	1.0	1.0	1.0
Wind direction	E	S	S	SW	SW	SW	W	NW	N	N	S	S
Wind movement	2	5	7	8	8	9	8	8	6	4	9	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	88	87	86	76	75	73	74	73	73	72	72	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt cloudy →					Cloudy →						
Sunshine (in tenths of hours)	1.0	0.2	0.2	0	0	0	0					
Wind direction	SW	W	SW	NW	S	SW	SW	W	W	NW	NW	NW
Wind movement	13	11	9	11	13	16	7	4	5	4	2	1

Sunrise: Time 4:58, Character Cloudy
Moonrise: 11:08 p, Clear?
Sunset: Time 6:30, Character Cloudy
Moonset: 12:45 p, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

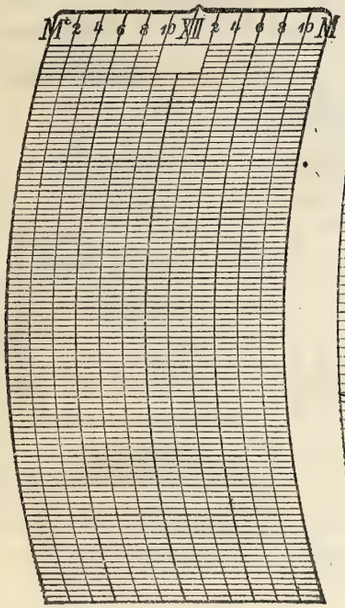
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	71	81	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, Last Quarter 3:10 am
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.7 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 42
Prevailing wind direction, SW Total wind 186
Average hourly velocity, 7.8 Extreme velocity, 28
Maximum velocity, 24 Direction, S
Time began, 5:13 p.m
Reduced barometer, 29.95 7 a. m. 29.95 7 p. m.
River gage, 1.8 feet
Relative humidity, 81 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.5 Wet temperature, 75.0
Dew-point, 70 R. humidity, 54 V. pressure, 732
Clouds: Amount, 5; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



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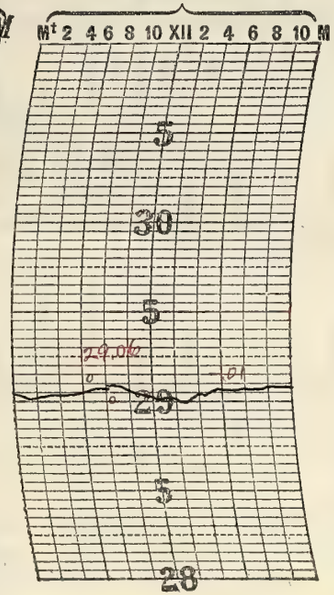
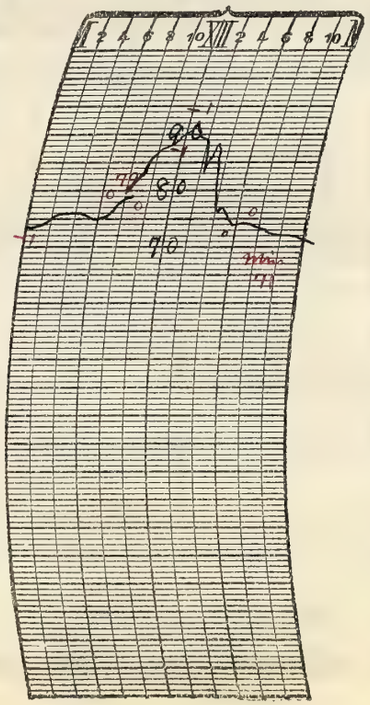


THERMOGRAPH.



Prepared by O.E.R.

Verified by

8—486

NOTES.

Thunderstorm began 1:50 p.m and ended 2:45 p.m. No rain fell at the station altho a light sprinkle fell in the south part of the city and apparently a heavier shower to the south and southeast. There was considerable lightning and thunder.

The day was partly cloudy and late at night it cleared somewhat. The temperature was quite high about noon but had fallen somewhat by 7 p.m.

Unusually red sunset, considerable color in west, south and northeast portions of the sky

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 23 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	66	66	65	65	70	76	81	83	84	83	85	86	85	85	83	80	78	73	71	69	69	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Clear					×			Pt cldy			×	clear		→		
Sunshine (in tenths of hours)					.02 0	1.0 0	0.2 0.8	1.0	1.0	0.7	0.8	0.9	0.9	0.8	1.0	1.0	0.9	0.2	0					
Wind direction	NW	SW	SW	SW	SW	0	SW	SW	NW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	N	N	NW	N
Wind movement	2	3	3	2	1	0	1	1	3	4	7	7	8	8	10	11	9	6	7	5	4	5	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:59 Character, Clear
Moonrise: 11:47p
Sunset: Time, 6:28 Character, Cloudy
Moonset: 1:44p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

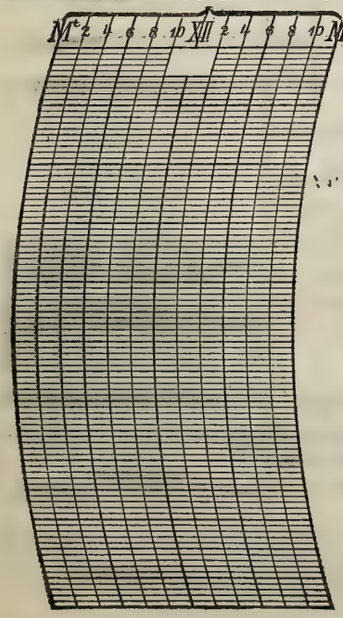
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.2 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 83
Prevailing wind direction, NW Total wind 113
Average hourly velocity, 4.7 Extreme velocity, 13
Maximum velocity, 13 Direction, NW
Time began, 3:27 p.m.
Reduced barometer, 30.03 7 a. m. 29.96 7, p. m.
River gage, 1.9 feet
Relative humidity, 86 7 a. m. 54 7 p. m.

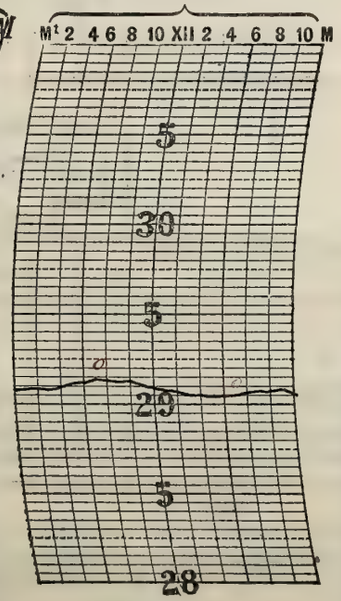
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.3 Wet temperature, 67.3
Dew-point, 59 R. humidity, 44 V. pressure, .499
Clouds: Amount, 3; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

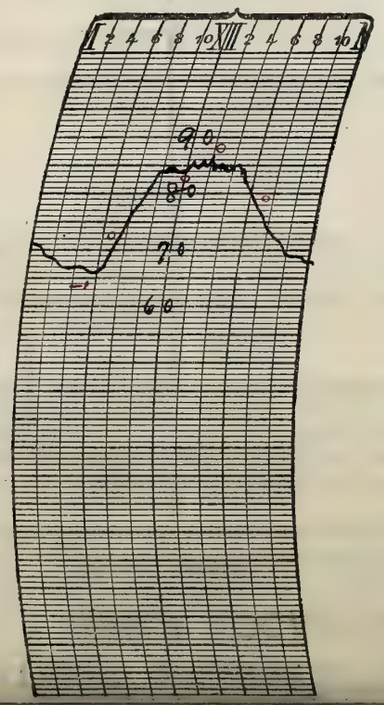
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with moderate temperatures and low humidity. The wind was very light in the early morning.

Prepared by O.G.R.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 24 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	64	64	62	64	70	74	76	79	78	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear			Cloudy			→
Sunshine (in tenths of hours)						1.00 0	1.0 0	0.9	1.0	1.0	0.3	0
Wind direction	N	NW	NW	NW	NW	NE	NE	NE	S	NW	N	NE
Wind movement	1	2	3	1	2	1	1	2	3	4	2	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	72	71	72	71	70	69	69	69	68	67
State of weather: Nature of precipitation and time of beginning and ending	RB 12:40	- - -	- - -	RE 3:45								
Amounts of precipitation	T	T	T	.01								
Cloudiness and other conditions				Cloudy				→				
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW	0
Wind movement	6	5	6	3	4	4	5	6	9	7	5	0

Sunrise: Time, 5:00 Character, Clear
Moonrise: — —
Sunset: Time, 6:27 Character, Cloudy
Moonset: 2:33p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

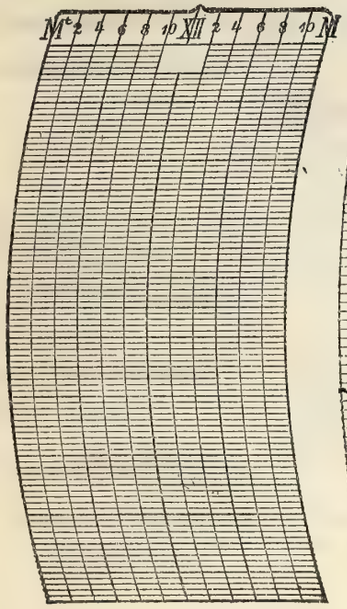
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.2 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 39
Prevailing wind direction, NW Total wind 85
Average hourly velocity, 3.5 Extreme velocity 11
Maximum velocity, 11 Direction, NW
Time began, 8:20 pm
Reduced barometer, 29.91 7 a. m. 29.87 7 p. m.
River gage, 2.2 feet
Relative humidity, 68 7 a. m. 81 7 p. m.

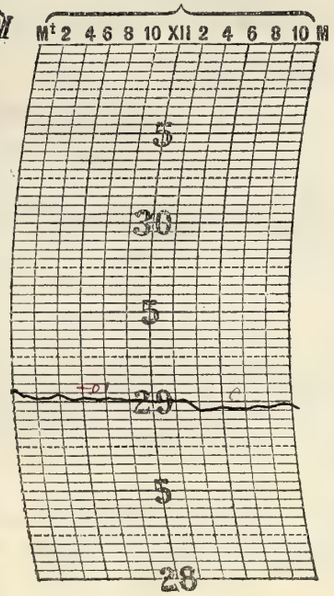
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.6 Wet temperature, 64.6
Dew-point, 57 R. humidity, 47 (a 57) V. pressure, .465
Clouds: Amount, 6; Kind, Strat.; Direction, NW NE
Velocity of clouds (miles per hour)

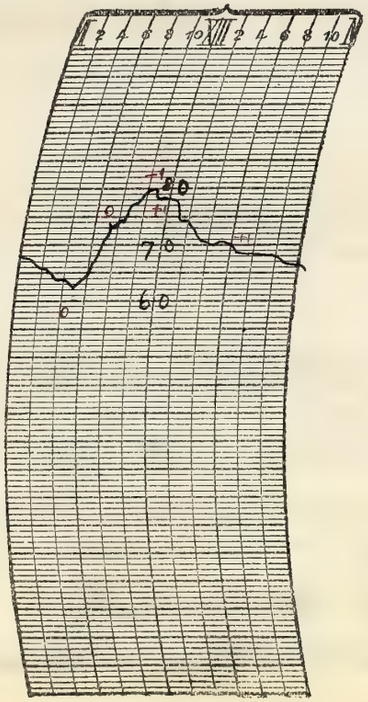
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A Solar Halo of 22° radius was observed at 10:00 a.m.
The cloudiness gradually increased during the forenoon. It was cloudy all afternoon and into the night. A light shower continued for some time during the afternoon.
Moderate temperatures. The wind velocities were light during the whole 24 hours.

Prepared by OER

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 25 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	62	60	59	61	64	70	73	75	77	78	79	79	80	78	78	76	74	70	68	67	65	63
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear									→				
Sunshine (in tenths of hours)						1.00 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.2	0					
Wind direction	NW	NW	NW	NW	N	N	N	N	NE	N	N	N	N	N	N	N	N	N	N	N	N	NE	NE	NE
Wind movement	3	4	5	6	4	6	6	6	9	10	10	9	9	10	9	10	9	7	7	7	5	6	4	4

Sunrise: Time, 5:00 Character, Clear
Moonrise: 12:31a Clear

Sunset: Time, 6:25 Character, Cloudy
Moonset: 3:22p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

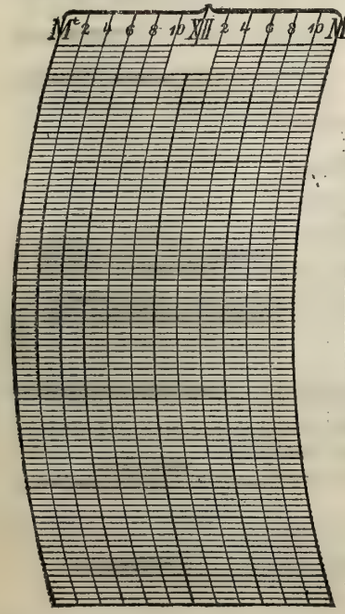
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.7 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 95
Prevailing wind direction, N Total wind 165
Average hourly velocity, 6.9 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 10:23 a.m.
Reduced barometer, 29.93 7 a. m. 29.917, p. m.
River gage, 2.0 feet
Relative humidity, 77 7 a. m. 46 7 p. m.

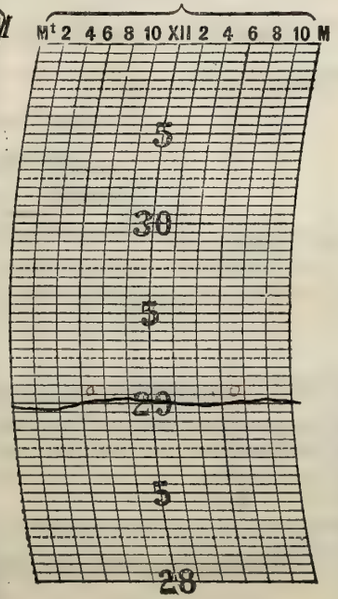
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.5 Wet temperature, 60.0
Dew-point, 48 R. humidity, 34 V. pressure, .334
Clouds: Amount, ~~Few~~ 2; Kind, ~~Cu~~ ast; Direction, ~~N~~ NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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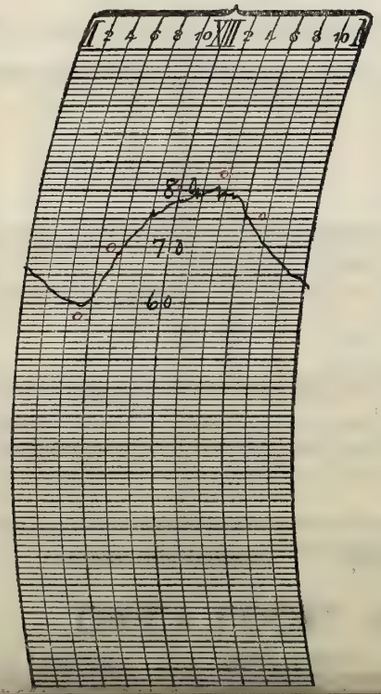


NOTES.

The day was clear with some thin upper clouds prevailing after 11:00 am. The stars were quite brilliant at night.
Moderature temperature with generally north wind.

Prepared by O.E.R.

Verified by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 26 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	60	58	61	64	71	74	77	79	80	82	85	83	82	82	81	78	76	74	73	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<					Clear			×			Pt cldy				>			
Sunshine (in tenths of hours)						0	0.3 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0.8	0	0					
Wind direction	NE	NE	NE	NE	0	NE	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	1	1	1	0	3	3	7	9	10	11	10	11	12	13	14	16	13	9	9	10	11	10	10

Sunrise: Time, 5:02 Character, Cloudy
Moonrise: 1:20a Clear
Sunset: Time, 6:24 Character, Cloudy
Moonset: 4:08p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

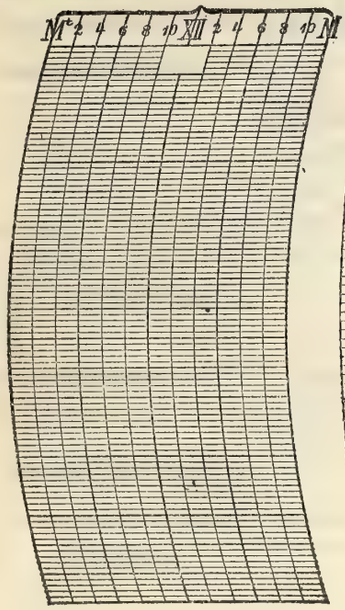
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	58	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.3 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 69
Prevailing wind direction, SW Total wind 197
Average hourly velocity, 8.2 Extreme velocity, 18
Maximum velocity, 18 Direction, SW
Time began, 4:40 p.m.
Reduced barometer, 29.94 7 a. m. 29.88 7, p. m.
River gage, 2.0 feet
Relative humidity, 70 7 a. m. 65 7 p. m.

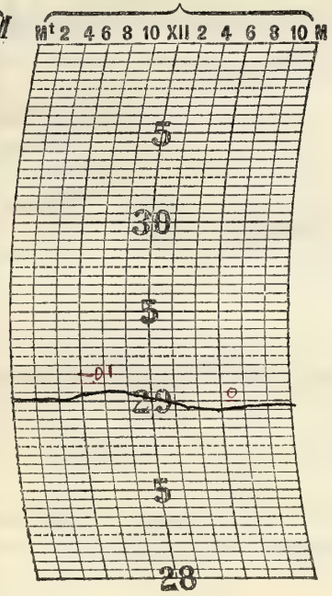
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 64.0
Dew-point, 54 R. humidity, 41 V. pressure, 417
Clouds: Amount, Few; Kind, cu st; Direction, W
Velocity of clouds (miles per hour)

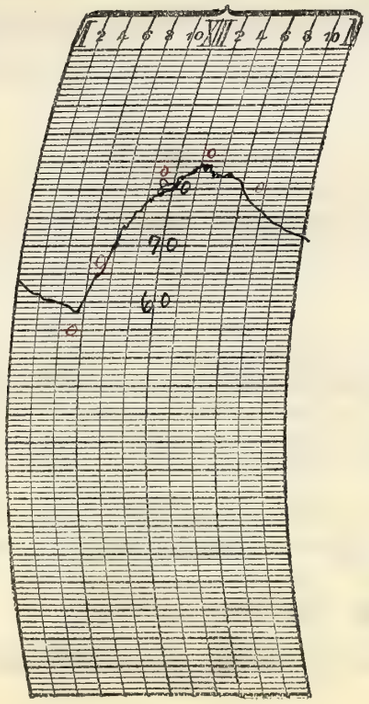
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Upper clouds prevailed during the greater part of the day with lower clouds in the evening. A small amount of clouds continued into the night. The temperature rose rapidly during the morning and remained relative high into the night.

Prepared by O.E.R.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 27 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	70	69	68	69	72	75	80	83	86	88
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					<	Clear				×	Pt Cloudy	
Sunshine (in tenths of hours)						95 0	1.0 0	1.0	1.0	1.0	1.0	0.9
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	10	8	9	10	9	11	13	12	10	10	11	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	89	86	85	82	76	73	68	65	64	63	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×	Clear			>			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.7 0					
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	16	18	15	17	15	9	9	9	8	6	3

Sunrise: Time, 5:03 Character, Clear
Moonrise: 2:13a Clear
Sunset: Time, 6:22 Character, Clear
Moonset: 4:51p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

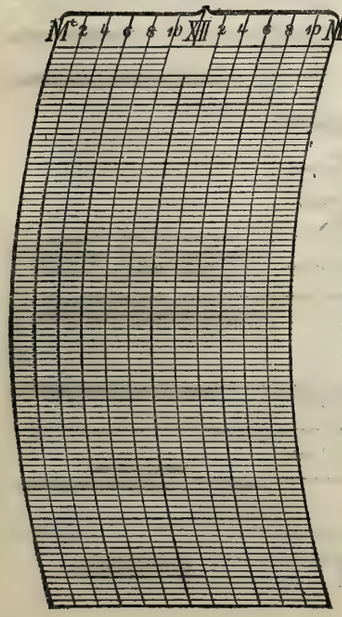
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	62	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.2 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 99
Prevailing wind direction, SW-NW Total wind 263
Average hourly velocity, 11.0 Extreme velocity, 24
Maximum velocity, 22 Direction, NW
Time began, 2:06 p.m.
Reduced barometer, 29.88 7 a. m. 29.96 7, p. m.
River gage, 1.9 feet
Relative humidity, 87 7 a. m. 46 7 p. m.

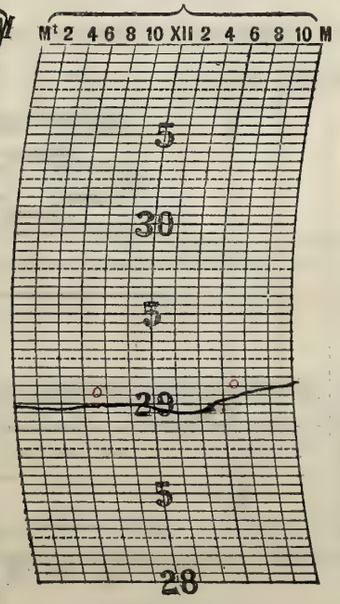
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.5 Wet temperature, 75.5
Dew-point, 70 R. humidity, 58 V. pressure, .732
Clouds: Amount, 5; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

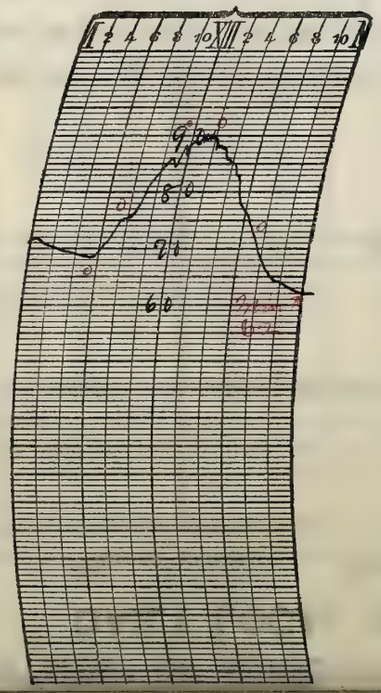
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was partly cloudy for a while at noon but clear in the morning and again in the evening. Stars bright. The temperature rose rapidly during the morning to a maximum of 91.2 degrees shortly after one p.m. and then fell rapidly to 73° at the p.m. observation.

Prepared by OGR.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 28 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	58	58	57	58	62	67	71	72	74	76	78	79	80	79	80	78	76	73	71	69	67	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					L							Clear												
Sunshine (in tenths of hours)						0.3 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	3.5 0					
Wind direction	NW	N	N	N	N	N	N	N	N	N	N	N	N	NW	N	N	N	N	N	N	N	N	N	N
Wind movement	4	4	5	3	4	3	3	5	5	8	9	8	8	8	7	6	9	4	3	2	2	1	1	1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:04 Character, Clear
Moonrise: 3:10a Clear
Sunset: Time, 6:21 Character, Clear
Moonset: 5:31p Clear

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

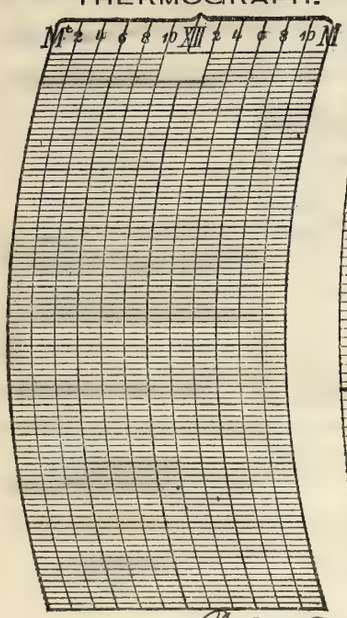
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	57	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.3 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind 113
Average hourly velocity, 4.7 Extreme velocity, 11
Maximum velocity, 11 Direction, N
Time began, 12:06 PM
Reduced barometer, 30.11 7 a. m. 30.12 7, p. m.
River gage, 1.8 fall
Relative humidity, 77 7 a. m. 48 7 p. m.

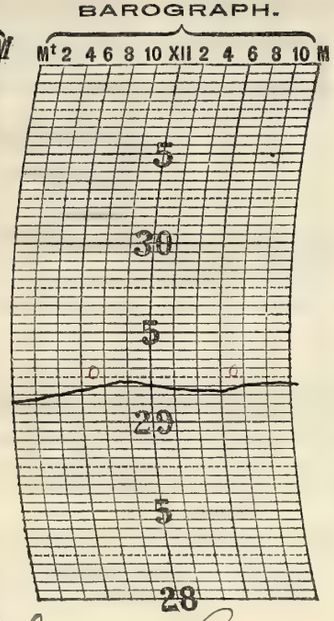
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.5 Wet temperature, 62.5
Dew-point, 54 R. humidity, 48 V. pressure, 417
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

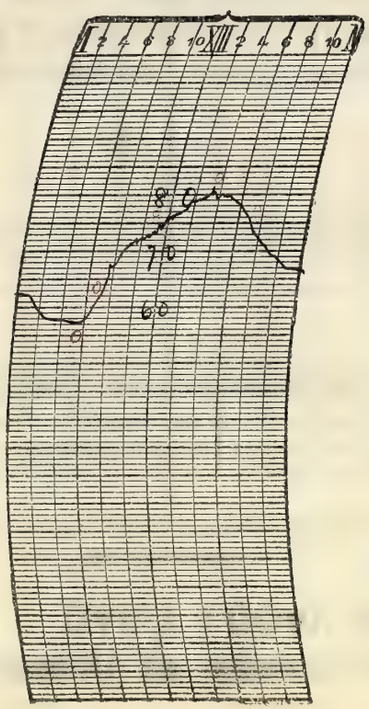
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear, pleasant and moderately warm weather.

Prepared by P. McDonough
Verified by O.E.K.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 29 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	63	61	60	60	67	71	77	79	80	81	83	86	85	84	84	82	80	76	74	73	70	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear										→			
Sunshine (in tenths of hours)						93 / 0	1.0 / 0	0.2 / 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 / 0	.32 / 0					
Wind direction	0	0	SE	0	0	SE	SE	S	S	S	SW	SE	SE	SE	S	S	SE	S	S	0	SE	SE	SE	SE
Wind movement	0	0	2	0	0	1	1	4	4	4	6	5	4	5	5	6	4	4	1	0	1	3	1	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:04 Character, Clear
Moonrise: 4:12a Clear (?)
Sunset: Time, 6:19 Character, Clear
Moonset: 6:07p Clear

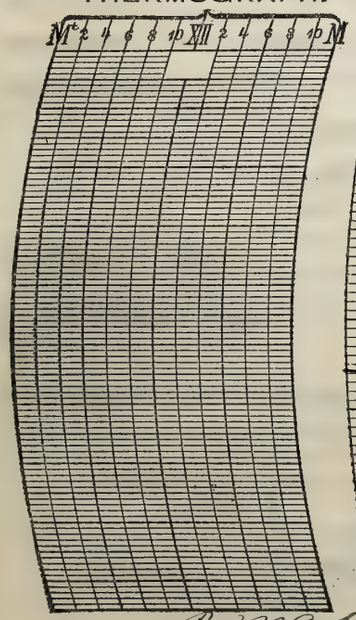
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	59	72	

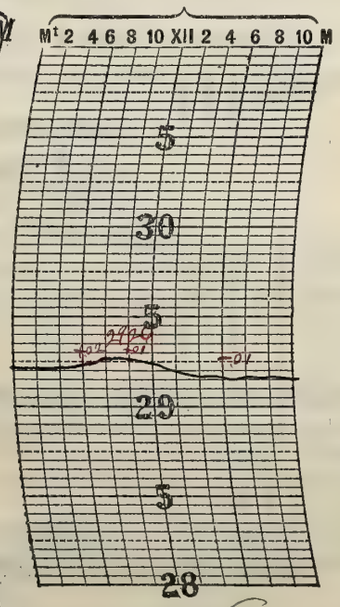
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 13.2 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 100
Prevailing wind direction, SE Total wind 63
Average hourly velocity, 2.6 Extreme velocity, 8
Maximum velocity, 8 Direction, SW
Time began, 7:44 pm
Reduced barometer, 30.19 7 a. m. 30.06 7, p. m.
River gage, 18 feet
Relative humidity, 71 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 80.0 Wet temperature, 65.2
Dew-point, 56 R. humidity, 45 V. pressure, 448
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

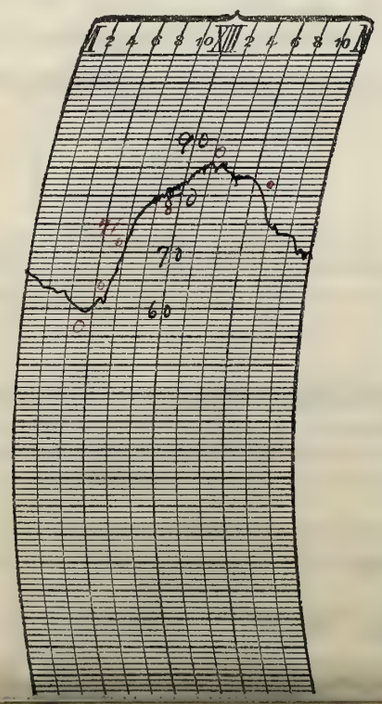
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear, pleasant weather. Some light local smoke in the evening.

Prepared by P. McDonough

Verified by OGR

FORM NO. 1012—DEC 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 30 1924, 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	66	65	63	65	68	75	80	84	86	87	89	90	91	90	88	85	82	79	77	75	74	73
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<							Clear						>					
Sunshine (in tenths of hours)						.92 0	.09 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.09 0.1	.28 0					
Wind direction	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW
Wind movement	1	1	3	3	2	3	7	7	9	9	11	10	11	12	12	12	12	9	7	9	10	10	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:05 Character, Clear
Moonrise: 5:14 a Clear
Sunset: Time, 6:17 Character, Clear
Moonset: 6:41 p Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

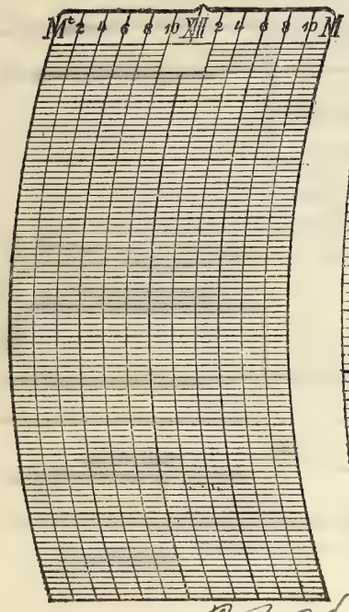
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	63	77	

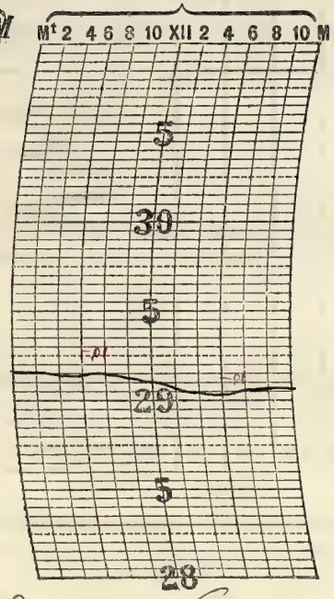
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New moon 2:37 am
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 13.2 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 189
Average hourly velocity, 7.9 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 3:58 P.M.
Reduced barometer, 30.04 7 a. m. 29.93 7, p. m.
River gage, 1.7 feet
Relative humidity, 71 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 86.1 Wet temperature, 71.1
Dew-point, 64 R. humidity, 48 V. pressure, .595
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

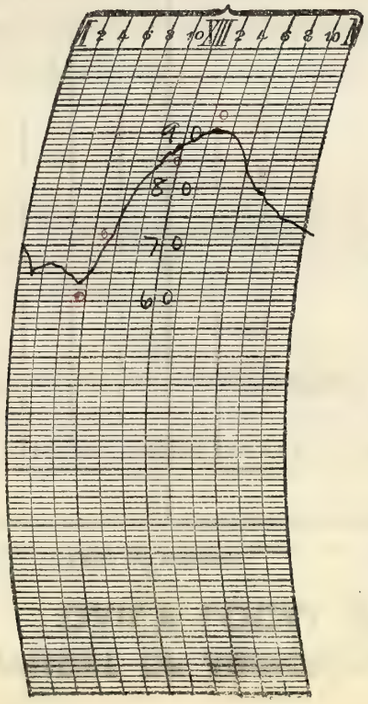
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and warm weather

Prepared by P. McDonough
Verified by O.K.P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 31 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	72	71	70	71	73	77	84	87	89	91	93	93	92	91	88	86	83	80	70	69	70	69
State of weather. Nature of precipitation and time of beginning and ending																					RB 8:00	-	-	-
Amounts of precipitation																					.38	.03	.02	.06
Cloudiness and other conditions						←					Clear				×			Pt cldy	×	cloudy			→	
Sunrise: Time, Character,	5:07 Cloudy																							
Moonrise:	6:20a Cloudy																							
Sunset: Time, Character,																					6:16 Cloudy			
Moonset:																					7:14p Cloudy			
Sunshine (in tenths of hours)						0	0	0.1	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	N	N	NW	NW	W	S
Wind movement	9	9	10	8	10	10	9	11	11	11	14	16	14	17	16	15	14	7	7	6	16	11	4	6
Maximum velocities (exceeding 29 miles) direction and time.																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

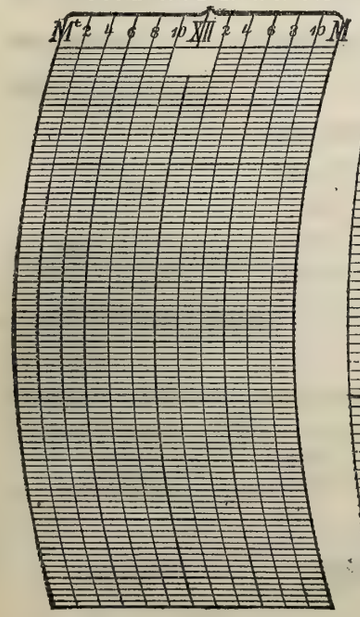
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
93	68	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .49 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.6 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 58
Prevailing wind direction, SW Total wind 261
Average hourly velocity, 10.9 Extreme velocity, 26
Maximum velocity, 24 Direction, NW
Time began, 8:33 p. m.
Reduced barometer, 29.99 7 a. m. 29.92 7, p. m.
River gage, 1.9 feet
Relative humidity, 69 7 a. m. 70 7 p. m.

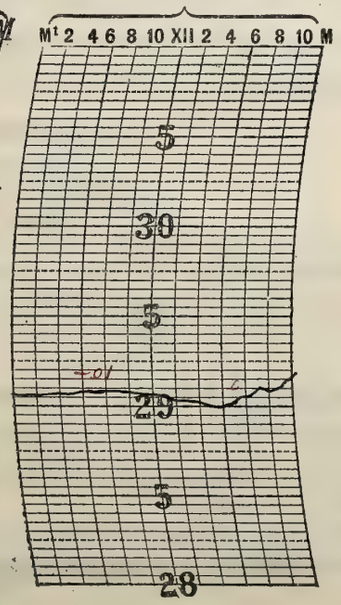
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 90.0 Wet temperature, 75.0
Dew-point, 69 R. humidity, 50 V. pressure, .707
Clouds: Amount, 2 (Cirst); Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

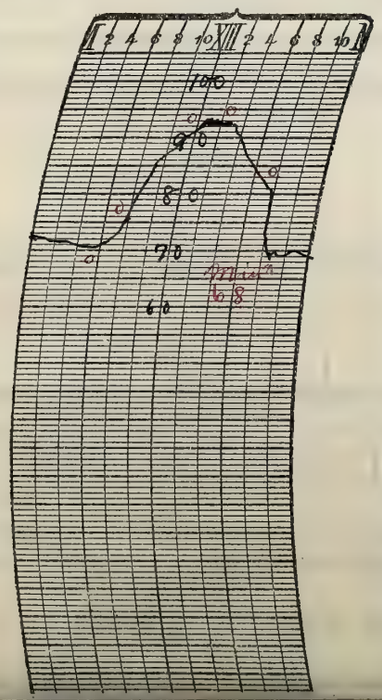
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began at 7:30 p.m and continued past midnight. The reflection of distant lightning was observed about one hour before thunder was heard.
The day was hot and sultry altho the shower brought some relief late at night.

Prepared by O.G.R.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 1 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	63	63	65	65	67	69	71	73	73	74
Nature of precipitation and time of beginning and ending	--	RE DR				RB 5:18 RE 5:45						RB 11:48
Amounts of precipitation	.02	.01				.08						T
Cloudiness and other conditions												Cloudy
Sunrise: Time, Character,	5:08 Cloudy											
Moonrise:	7:26 a Cloudy											
Sunshine (in tenths of hours)						0	0	0.1	0	0.1	0	0
Wind direction	W	W	N	N	SE	SE	NE	NE	NE	SW	SW	SW
Wind movement	7	5	8	6	5	2	1	3	2	5	8	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	75	76	76	75	74	72	62	61	60	56
Nature of precipitation and time of beginning and ending	---	RE 1:25						RB 7:50	--	--	--	--
Amounts of precipitation	T	T						T	.12	.18	.11	.08
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									6:14 Cloudy			
Moonset:									7:46 p Cloudy			
Sunshine (in tenths of hours)	0	0	0.7	0.2	0	0	0					
Wind direction	W	W	W	NW	NW	NW	NW	NE	N	N	NE	N
Wind movement	6	5	4	5	4	3	5	12	12	12	12	11

State of weather.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .60 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 1.1 Possible sunshine, hours, 13.1

Per cent of possible sunshine, 8

Prevailing wind direction N-NE-W Total wind 152

Average hourly velocity, 6.3 Extreme velocity, 20

Maximum velocity, 19 Direction, NE

Time began, 8:37 P.M.

Reduced barometer, 30.02 7 a. m. 29.85 7 p. m.

River gage, 2.3 feet

Relative humidity, 92 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

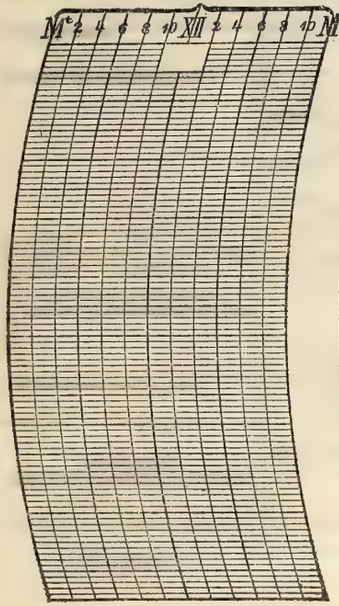
Dry temperature, 74.0 Wet temperature, 70.5

Dew-point, 69 R. humidity, 84 V. pressure, .707

Clouds: Amount, 10; Kind, St cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



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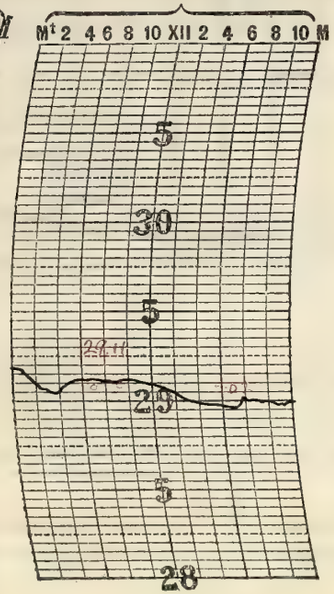

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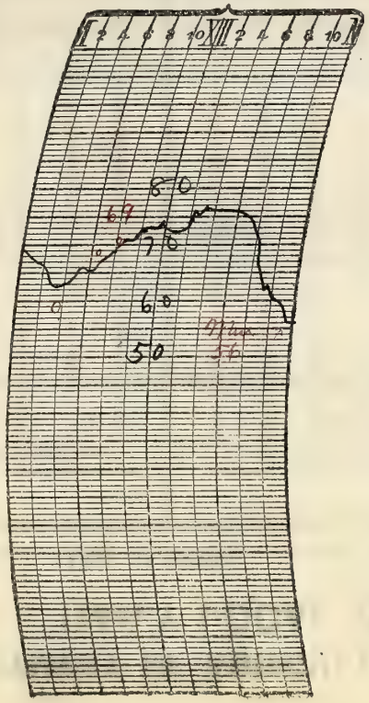


NOTES.

A thunderstorm which began on the previous date ended during the night a.m.

A thunderstorm began at 8:08 p.m and continued past midnight.

The sky was heavily overcast during the greater part of the day. Temperatures were moderate but it was sultry at times on account of a high humidity. Showers threatened several times during the day.

Prepared by O.E.R.

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 2 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	54	54	54	55	56	60	63	64	65	66	66	67	65	66	64	62	60	58	56	55	54
State of weather: Nature of precipitation and time of beginning and ending	--	--	RE DN																					
Amounts of precipitation	.05	.02	T																					
Cloudiness and other conditions					←	Cloudy		→							Clear							→		

Sunrise: Time, 5:09 Character, Cloudy
Moonrise: 8:32 a Cloudy
Sunset: Time, 6:12 Character, Cloudy
Moonset: 8:19 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	0.9	0.8	0.8	0.8	0.5	0.3	0.4	0	0					
Wind direction	N	N	N	N	N	N	N	N	N	NE	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	12	13	12	11	10	10	8	10	12	13	13	13	12	12	10	10	8	6	4	4	6	6	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

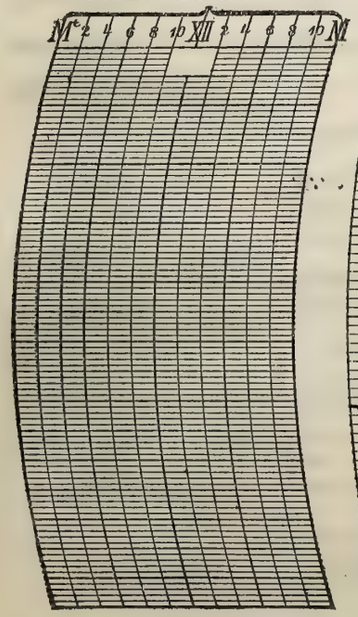
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	54	61	

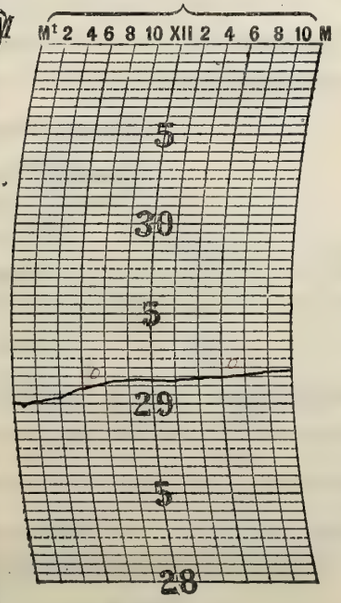
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .56 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.7 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 52
Prevailing wind direction, N Total wind 224
Average hourly velocity, 9.3 Extreme velocity, 17
Maximum velocity, 16 Direction, N
Time began, 10:10 a m
Reduced barometer, 30.00 7 a. m. 30.08 7, p. m.
River gage, 1.9 feet
Relative humidity, 90 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 65.0 Wet temperature, 56.3
Dew-point, 50 R. humidity, 58 V. pressure, .360
Clouds: Amount, 3; Kind, Strat; Direction, N
Velocity of clouds (miles per hour)

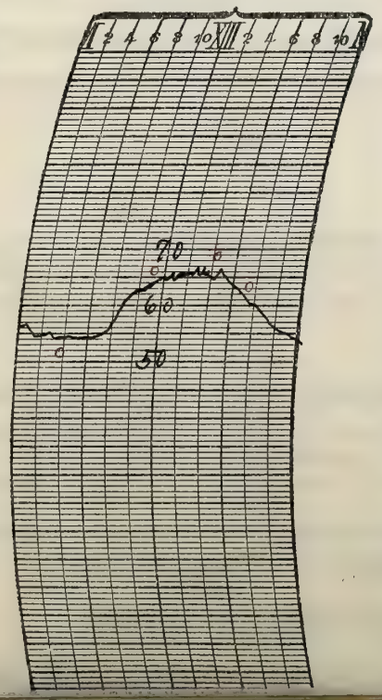
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm which began on the previous date, ended during the night a.m.
The sky was overcast in the early morning but it cleared somewhat after the a.m. observation.
Temperatures were rather low for the season.

Prepared by O.E.R.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 3 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	51	51	52	55	61	63	65	65	66	67	68	68	69	68	66	66	62	61	61	59	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear							×	Pt cloudy				×		Clear					→
Sunshine (in tenths of hours)						0 (.83)	0.2 (0.8)	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.7	0.4	0	0 (0.5)	0 (.18)					
Wind direction	N	N	N	N	N	N	N	N	E	E	E	NE	NE	E	NE	NE	NE	NE	NE	NE	O	NE	NE	NE
Wind movement	4	3	4	6	3	3	3	4	5	5	5	5	6	4	5	3	3	2	1	2	0	1	2	2

Sunrise: Time, 5:10 Character, Clear
Moonrise: 9:40 a Clear
Sunset: Time, 6:11 Character, Clear
Moonset: 8:55 Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

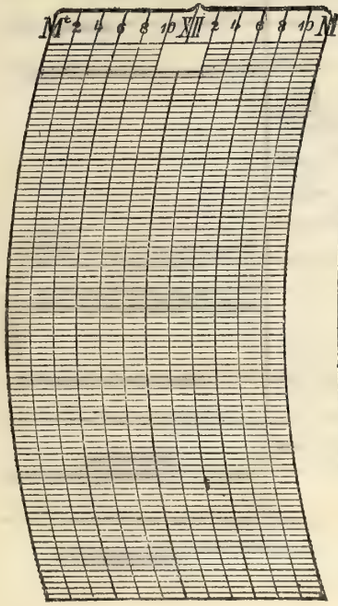
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	51	60	

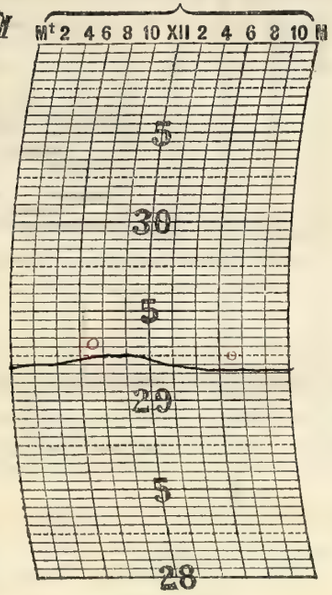
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.3 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 79
Prevailing wind direction, NE Total wind 81
Average hourly velocity, 3.4 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 12:15 p m
Reduced barometer, 30.197 a. m. 30.087, p. m.
River gage, 5.5 feet
Relative humidity, 78 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 66.5 Wet temperature, 56.0
Dew-point, 48 R. humidity, 52 V. pressure, 334
Clouds: Amount, 4; Kind, St cu; Direction, NE
Velocity of clouds (miles per hour)

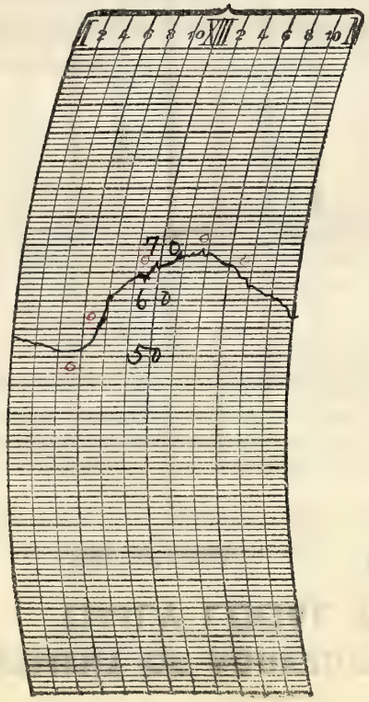
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy deposit of dew in early morning. There were a few lower clouds during the greater part of the day. The sky cleared after nightfall. Cool north and northeast winds. The temperature was rather low in the early morning but rose rapidly in the forenoon and continued rising till about 4 p.m.

Prepared by C.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 4 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	56	56	56	55	54	56	60	65	68	69	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		clear					
Sunshine (in tenths of hours)												
Wind direction						.82 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind movement	NE	E	E	E	E	E	S	SW	SW	SW	SW	SW
Maximum velocities (exceeding 29 miles) direction and time	3	3	2	4	2	3	6	7	7	9	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	73	71	69	64	63	63	62	62	63	61
State of weather: Nature of precipitation and time of beginning and ending					RB 445	–	–	—	RE 8:45			
Amounts of precipitation					T	.02	.01	T	.01			
Cloudiness and other conditions			×	Pt cloudy	×			cloudy		→		
Sunshine (in tenths of hours)												
Wind direction	1.0	0.8	0.9	0.1	0	0	0					
Wind movement	W	W	W	W	W	SW	W	NW	W	W	W	N
Maximum velocities (exceeding 29 miles) direction and time	11	11	13	12	9	15	7	5	6	6	10	11

Sunrise: Time, 5:11 Character, clear
Moonrise: 10:48 a Cloudy
Sunset: Time, 6:09 Character, Cloudy
Moonset: 9:34 p Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

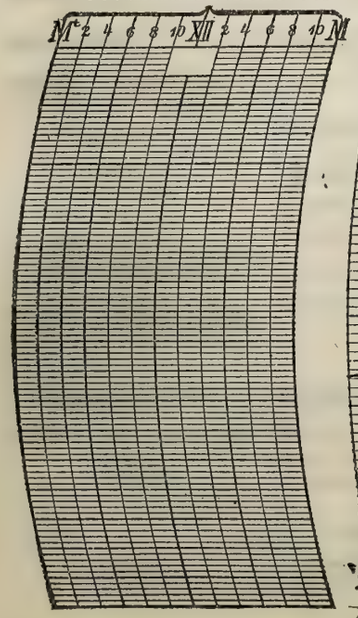
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	74	53	64	

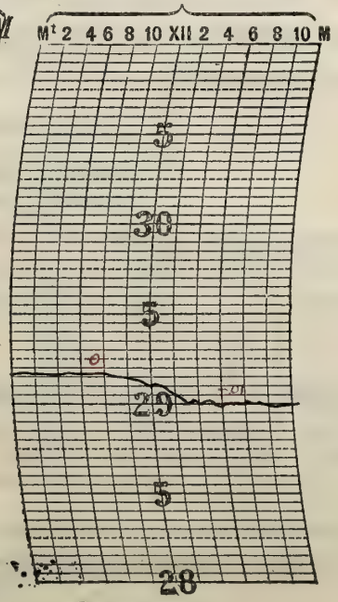
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.3 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.6 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 74
Prevailing wind direction, W Total wind 183
Average hourly velocity, 7.6 Extreme velocity, 23
Maximum velocity, 21 Direction, SW
Time began, 5:50 p.m.
Reduced barometer, 30.097 a. m. 29.91 7, p. m.
River gage, 3.6 feet
Relative humidity, 76 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 70.0 Wet temperature, 58.5
Dew-point, 50 R. humidity, 50 V. pressure, .360
Clouds: Amount, 1; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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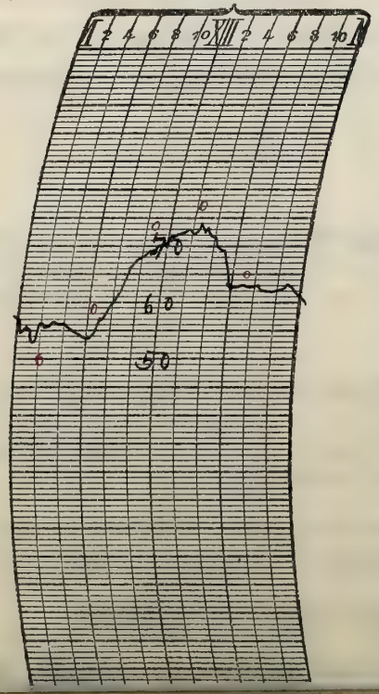


Prepared by C.E.R.
Verified by

NOTES.

The sky was almost entirely clear in the morning but the clouds gradually increased and lowered until a light shower set in in the late afternoon. The rain lasted till near nine p.m. and the sky continued cloudy into the night.

The temperature rose gradually and became more nearly seasonal

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 5 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	54	52	51	50	53	56	57	59	60	62	63	64	65	64	63	61	57	54	52	51	49	48
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear		→				Pt Cloudy			→				Clear			→		
Sunrise: Time, Character,	5:11 Clear																				Sunset: Time, Character,	6:08 Clear		
Moonrise:	11:56 a Cloudy																				Moonset:	10:18 p Clear		
Sunshine (in tenths of hours)						82 0	0.8 0.2	1.0	0.6	0.4	0.7	0.7	1.0	1.0	0.8	0.3	0.6	0.5 0	13 0					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	14	10	9	11	9	9	8	11	15	16	15	16	16	15	14	14	12	11	9	9	10	9	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

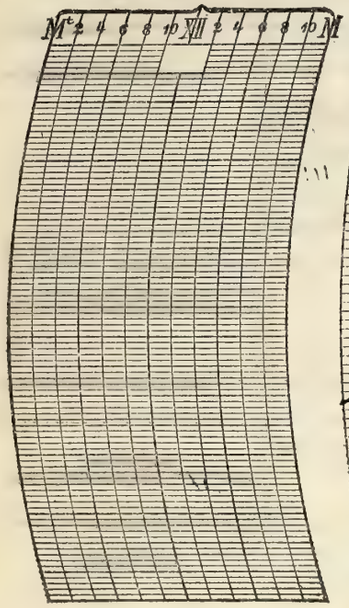
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	48	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.6 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 74
Prevailing wind direction, N Total wind 276
Average hourly velocity, 11.5 Extreme velocity, 23
Maximum velocity, 21 Direction, N
Time began, 1:28 p.m.
Reduced barometer, 30.00 7 a. m. 30.06 7, p. m.
River gage, 2.5 feet
Relative humidity, 73 7 a. m. 58 7 p. m.

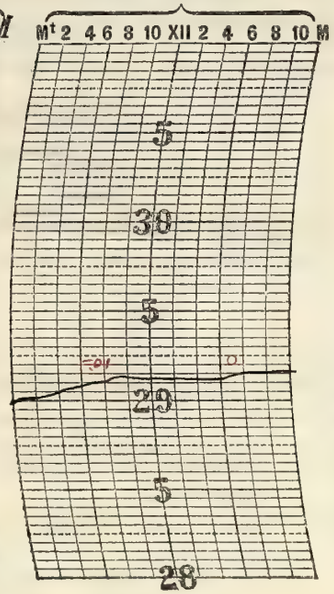
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.2 Wet temperature, 48.8
Dew-point, 35 R. humidity, 37 V. pressure, .203
Clouds: Amount, 4; Kind, Strat; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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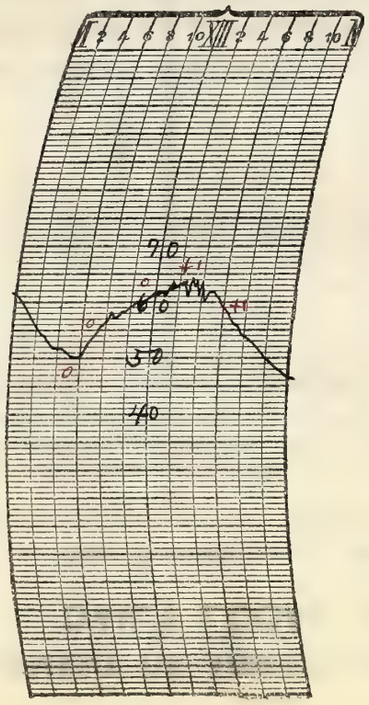


NOTES.

Lower clouds prevailed during the morning and afternoon but the evening and night were cloudless.

The temperature was low during the day and fell quite rapidly during the evening and night.

Prepared by C.E.R.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 6 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	45	44	44	43	47	53	57	60	61	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear						× Pt cloudy	
Sunshine (in tenths of hours)						.80 0	1.0 0	0.2 0.8	0.9	1.0	0.4	0.6
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	SW	W	NW	NW
Wind movement	5	4	3	4	4	3	3	5	7	10	12	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	65	65	65	64	62	60	58	58	57	56	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			× Clear		× Pt cldy		×	Cloudy →				
Sunshine (in tenths of hours)	0.4	0.3	0.3	1.0	0.1	0	0					
Wind direction	NW	NW	NW	NW	N	N	N	N	N	N	N	N
Wind movement	11	12	12	10	8	7	5	5	3	3	2	4

Sunrise: Time, 5:12 Character, Clear
Moonrise: 1:03 p Cloudy
Sunset: Time, 6:06 Character, Cloudy
Moonset: 11:08 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

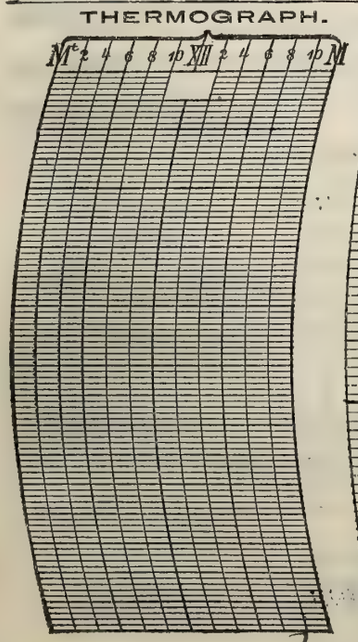
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	43	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, First Quarter 2:46 am
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.8 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 60
Prevailing wind direction, NW Total wind 153
Average hourly velocity, 6.4 Extreme velocity, 17
Maximum velocity, 15 Direction, NW
Time began, 1:35 p.m
Reduced barometer, 30.12 7 a. m. 30.07 7 p. m.
River gage, 2.1 feet
Relative humidity, 81 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 63.0 Wet temperature, 52.0
Dew-point, 42 R. humidity, 47 V. pressure, .266
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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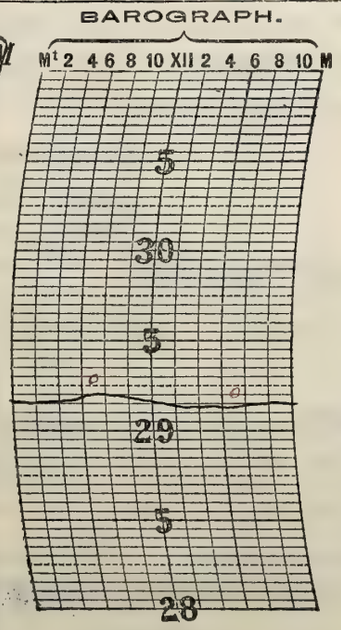

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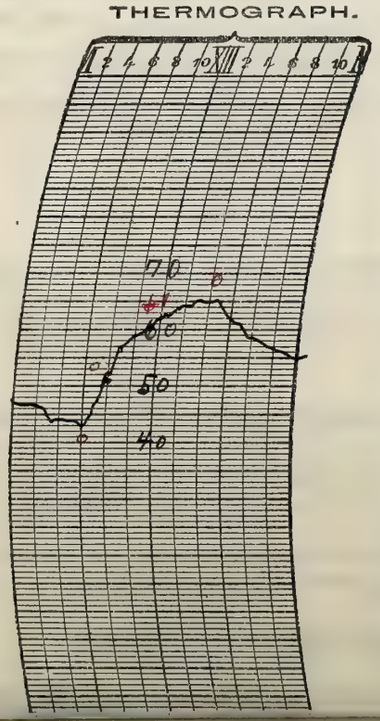


Prepared by O.E.R.
Verified by

NOTES.

Heavy Deposit of dew in early morning.

Gradually increasing cloudiness during the day; cloudy into the night.

The temperatures in the early morning were quite low and there may have been light frost in low places. It became warmer during the day.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 7 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	54	53	53	52	53	54	53	54	55	56	56	58	59	60	59	59	58	58	58	57	57	57
State of weather: Nature of precipitation and time of beginning and ending			RB DN	—	—	RE DN		RB 7:05	—	—	—	—	RE 12:45						RB 6:35	RE 7:15				RB DN
Amounts of precipitation			T	T	.01	T		.01	.02	.01	T	T	.01						T	T				T
Cloudiness and other conditions								← Lt Fog →					Cloudy											

Sunrise: Time, 5:13 Character, Cloudy
Moonrise: 2:05p Cloudy
Sunset: Time, 6:04 Character, Cloudy
Moonset: — —

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	N	N	N	N	N	W	N	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E	E	E	E	E
Wind movement	1	1	1	1	2	3	3	1	3	3	2	4	5	4	6	8	6	7	9	10	9	8	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

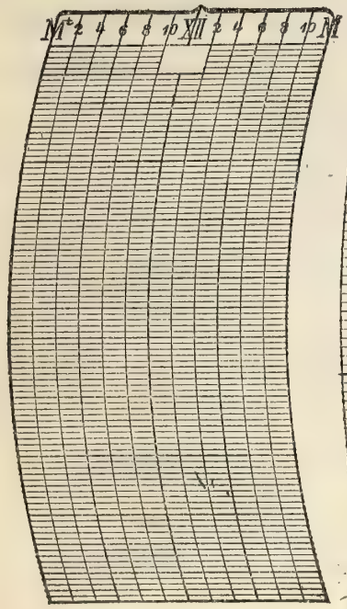
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	52	56	

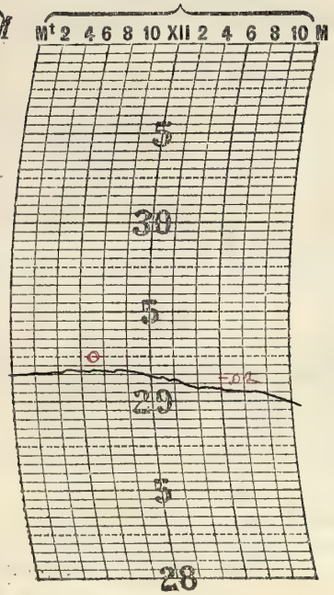
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 111
Average hourly velocity, 4.6 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 7:29 p.m.
Reduced barometer, 30.09 7 a. m. 29.97 7, p. m.
River gage, 2.0 feet
Relative humidity, 84 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 56.1 Wet temperature, 53.4
Dew-point, 52 R. humidity, 84 V. pressure, .387
Clouds: Amount, 10; Kind, Nb; Direction, SE
Velocity of clouds (miles per hour)

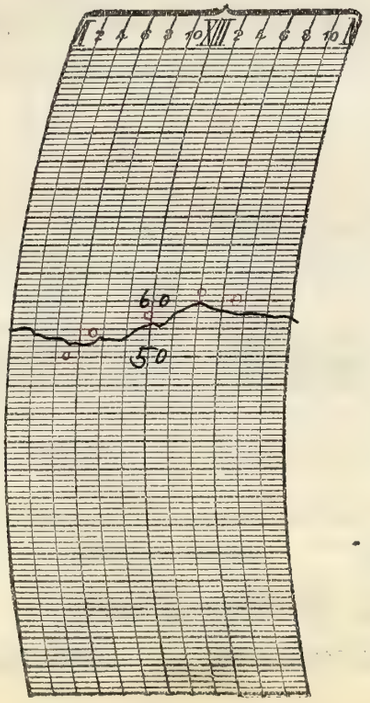
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog from 7:30 a to 9:00 a
The sky was heavily overcast during the greater part of the day with light rain during the forenoon and again in the evening and late at night.
The day was damp and cool with little range in the temperature.

Prepared by
Verified by } O.E.R.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 8 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	55	56	57	60	61	64	68	67	69	72
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	—	—	RE 8:05	RB 9:40 RE 10:00		
Amounts of precipitation	0.1	T	T	T	.27	T	.01	T	T	.01		
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 5:14 Character, Cloudy												
Moonrise: 3:03 p Cloudy												
Sunshine (in tenths of hours)						0	0	0	0.2	0.2	0.4	0.3
Wind direction	E	E	E	E	E	S	S	SW	SW	SW	SW	SW
Wind movement	6	3	4	4	6	9	11	12	13	15	13	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	64	65	61	57	56	56	56	55	54	53
State of weather: Nature of precipitation and time of beginning and ending		RB 1:58	RE 2:55	RB 3:30	—	—	—	RE 7:30				
Amounts of precipitation		T	.14	.19	T	.05	.01	T				
Cloudiness and other conditions	Cloudy											
Sunset: Time, 6.03 Character, Cloudy												
Moonset: 12.04 a Cloudy												
Sunshine (in tenths of hours)	0.5	0.2	0	0	0	0	0					
Wind direction	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	16	11	7	14	13	12	11	12	11	11	9

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

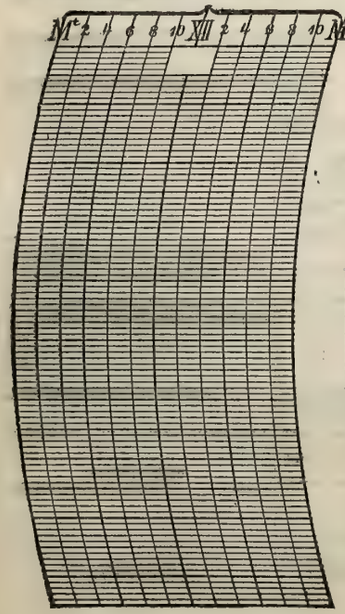
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .29 ins.; to 7 p. m., .40 ins.
Total precipitation, midnight to midnight, .69 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.8 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 14
Prevailing wind direction, NW Total wind 246
Average hourly velocity, 10.2 Extreme velocity, 25
Maximum velocity, 23 Direction, W
Time began, 2:02 p.m.
Reduced barometer, 29.80 7 a. m. 29.84 7, p. m.
River gage, 1.9 feet
Relative humidity, 87 7 a. m. 99 7 p. m.

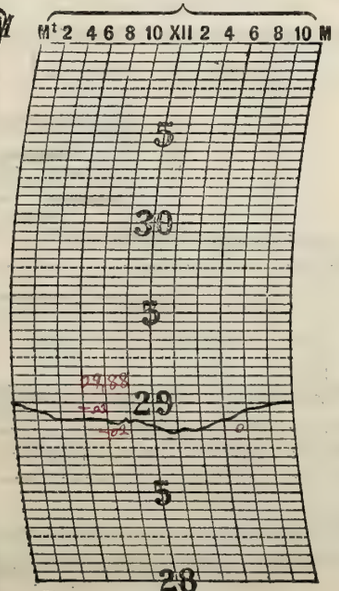
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.7 Wet temperature, 65.2
Dew-point, 63 R. humidity, 75 V. pressure, .575
Clouds: Amount, 10; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

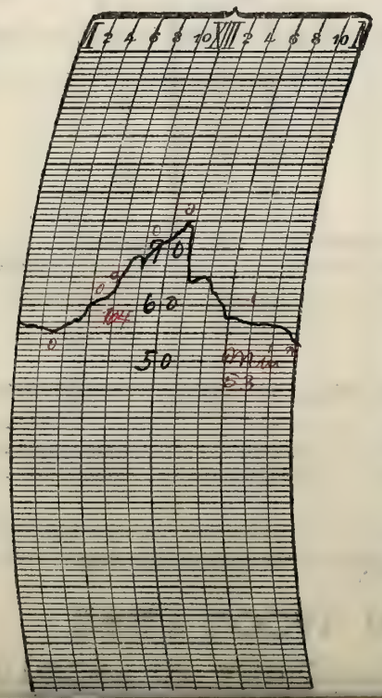
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began 4:45 a.m. and ended 8:05 a.m.
A damp rainy day with moderately cool temperatures.

Prepared by OER

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 9 1924, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	53	53	51	50	49	51	52	52	52	53	54	54	55	55	55	56	54	52	51	49	48	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Pt	cloudy	×							Cloudy						→			

Sunrise: Time, 5:15 Character, Cloudy
Moonrise: 3:54p Cloudy

Sunset: Time, 6:01 Character, Cloudy
Moonset: 1:05a Clear?

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0.2	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NW	NW	NW	NW
Wind movement	7	8	13	14	8	10	14	19	17	19	16	16	16	13	12	11	11	7	3	5	7	10	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

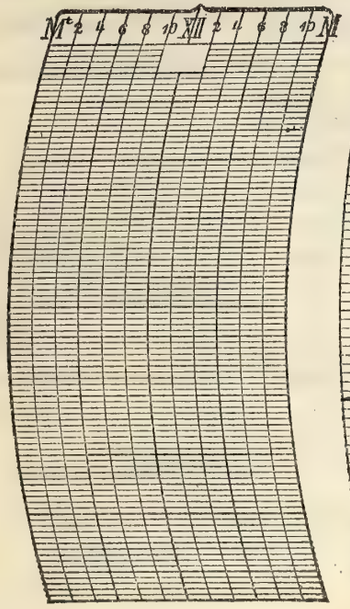
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	45	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.2 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 2
Prevailing wind direction, NW Total wind 271
Average hourly velocity, 11.3 Extreme velocity, 25
Maximum velocity, 24 Direction, NW
Time began, 7:36 a.m.
Reduced barometer, 30.047 a. m. 30.017 p. m.
River gage, 1.9 feet
Relative humidity, 83 a. m. 68 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.8 Wet temperature, 48.8
Dew-point, 44 R. humidity, 70 V. pressure, .287
Clouds: Amount, 10; Kind, Stratus Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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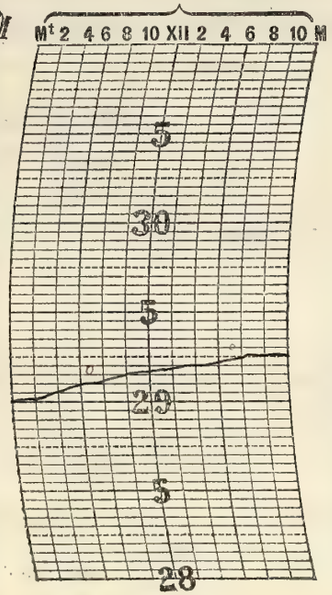

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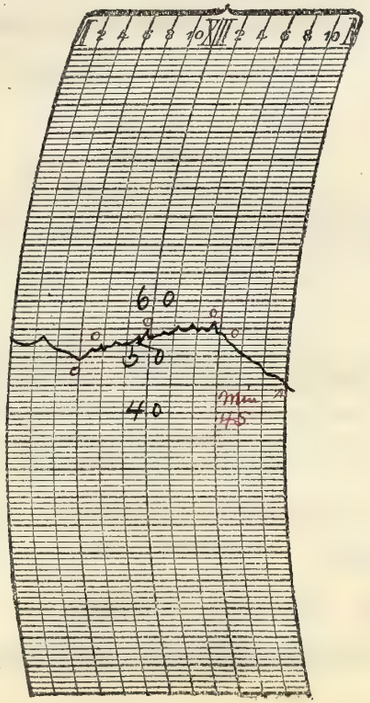


NOTES.

The clouds were moving rapidly at the a.m. observation.
Lunar corona observed from 7:15 p.m. to 9:00 p.m.
Heavy lower clouds prevailed during the greater part of the day and the temperature was somewhat below the seasonal average.

Prepared by } O.E.R.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 10 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	41	40	40	43	48	50	52	53	55
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← clear					× Pt cldy	×
Sunshine (in tenths of hours)						.73 0	.05 0	04	1.0	0.9	0.3	04
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	6	5	5	7	6	6	8	10	10	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	57	57	56	55	54	53	51	51	50	50	50
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×					cloudy			→			
Sunshine (in tenths of hours)	0.8	0.6	0	0	0	0						
Wind direction	NW	NW	NW	NW	W	W	W	NW	NW	NW	NW	NW
Wind movement	10	10	10	7	7	7	7	7	5	5	3	3

Sunrise: Time, 5:16 Character, clear
Moonrise: 4:38 p Cloudy

Sunset: Time, 5:59 Character, Cloudy
Moonset: 2:11 a clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

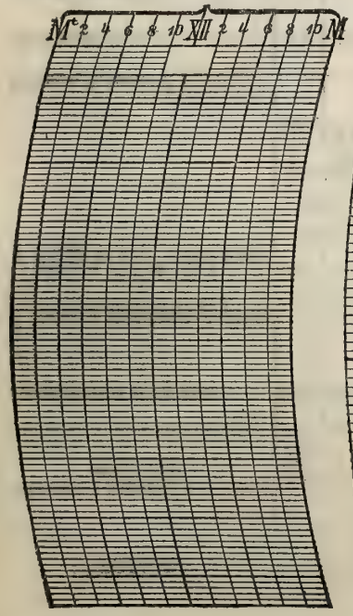
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	39	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.6 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 44
Prevailing wind direction, NW Total wind 120
Average hourly velocity, 7.1 Extreme velocity, 16
Maximum velocity, 15 Direction, NW
Time began, 1:11 p. m.
Reduced barometer, 30.21 7 a. m. 30.06 7 p. m.
River gage, 1.9 feet
Relative humidity, 80 7 a. m. 62 7 p. m.

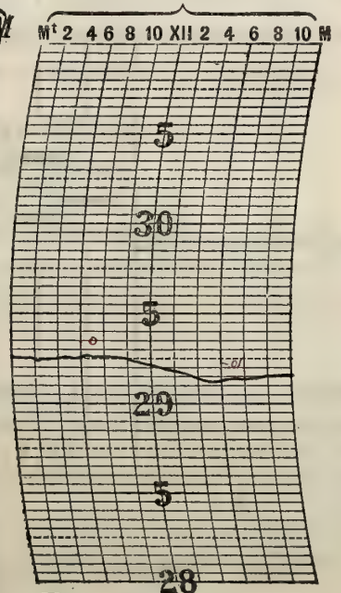
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.5 Wet temperature, 45.3
Dew-point, 35 R. humidity, 48 V. pressure, .203
Clouds: Amount, 5; Kind, ~~St Cu~~ Ci St; Direction, ~~NW~~ W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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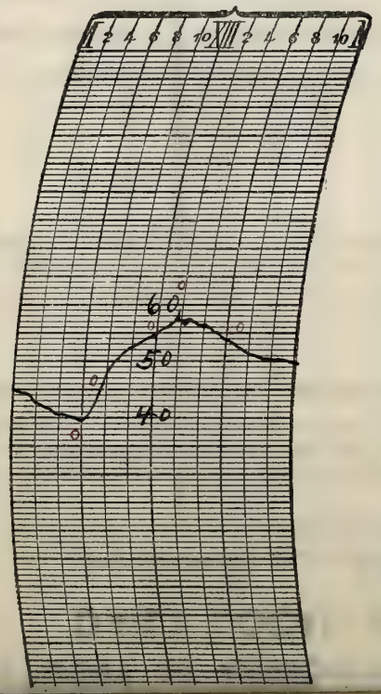


NOTES.

Light frost in early morning.

A partly cloudy day with temperatures below the seasonal average.

Prepared by O.G.R.

Verified by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 11 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	49	49	49	50	52	55	57	55	54
State of weather: Nature of precipitation and time of beginning and ending											RB 10:35	- -
Amounts of precipitation											T	T
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)						0	0	0	04	0	0	0
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SE	SE	S	SE
Wind movement	5	6	5	3	3	2	3	5	6	6	8	6

Sunrise: Time, 5:17 Character, Cloudy
Moonrise: 5:18p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	56	57	58	58	57	56	55	55	56	58
State of weather: Nature of precipitation and time of beginning and ending	- -	- -	RE 2:45									
Amounts of precipitation	T	T	T									
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SE	SE	SE	SE	E	E	E	E	E	E	SE	SE
Wind movement	5	6	4	5	7	5	4	5	4	5	5	4

Sunset: Time, 5:57 Character, Cloudy
Moonset: 3:17a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

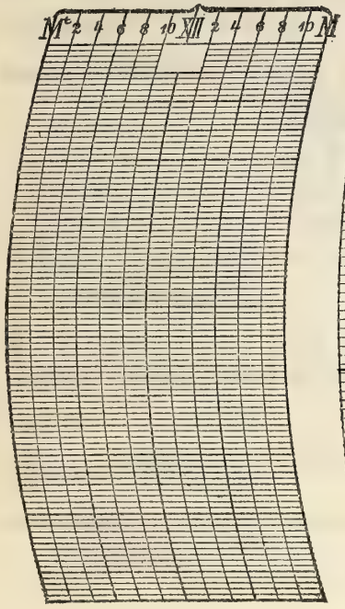
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	49	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.4 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 3
Prevailing wind direction, SE Total wind 117
Average hourly velocity, 4.9 Extreme velocity, 9
Maximum velocity, 9 Direction, SE
Time began, 10:24 am
Reduced barometer, 30.11 7 a. m. 29.99 7 p. m.
River gage, 1.9 feet
Relative humidity, 84 7 a. m. 80 7 p. m.

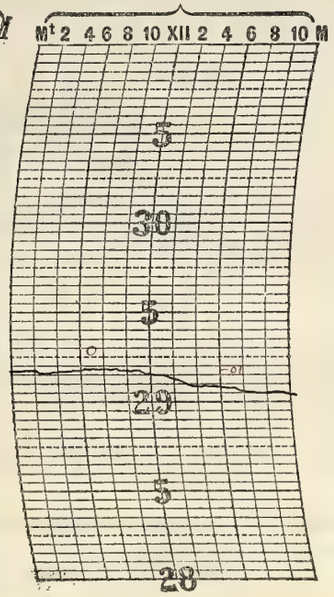
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.5 Wet temperature, 49.7
Dew-point, 46 R. humidity, 72 V. pressure, .310
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

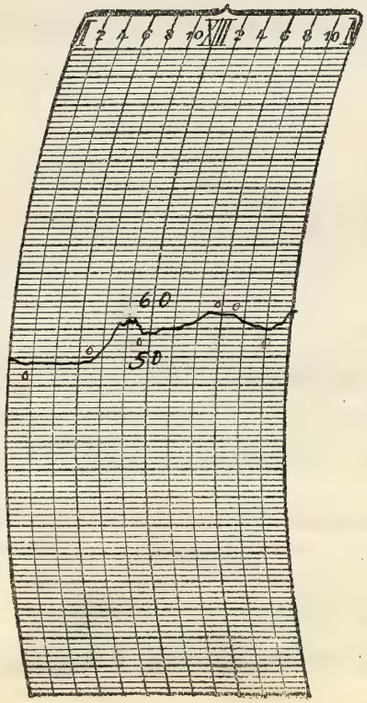
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by
Verified by OEK

8—486

NOTES.

Cloudy almost the entire day. The temperatures continued low for the season and there was small variation for the 24 hours.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 12 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	62	67	66	65	65	66	68	69	69	68	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt cldy ×							
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	8	10	12	14	14	15	15	18	20	20	18	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	61	60	60	59	57	57	56	55	55
State of weather: Nature of precipitation and time of beginning and ending	RB 12:25	– –	—	—	RE 445							
Amounts of precipitation	T	.02	T	T	T							
Cloudiness and other conditions					Cloudy →							
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	11	9	10	8	9	7	6	8	7	7	9

Sunrise: Time, 5:19 Character, Cloudy
Moonrise: 5:53 p Cloudy

Sunset: Time, 5:56 Character, Cloudy
Moonset: 4:24 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

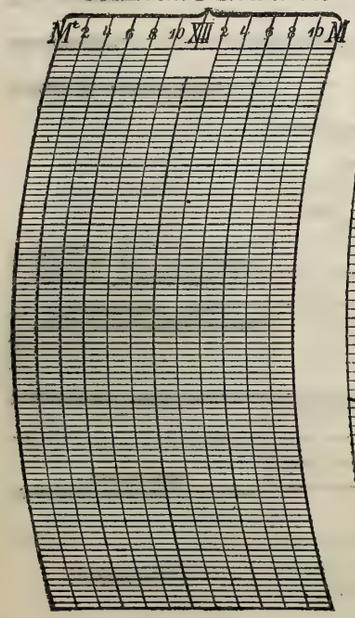
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	55	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 282
Average hourly velocity, 11.8 Extreme velocity, 26
Maximum velocity, 24 Direction, SW
Time began, 8:43 a m
Reduced barometer, 29.927 a. m. 30.02 7 p. m.
River gage, 1.8 feet
Relative humidity, 60 7 a. m. 92 7 p. m.

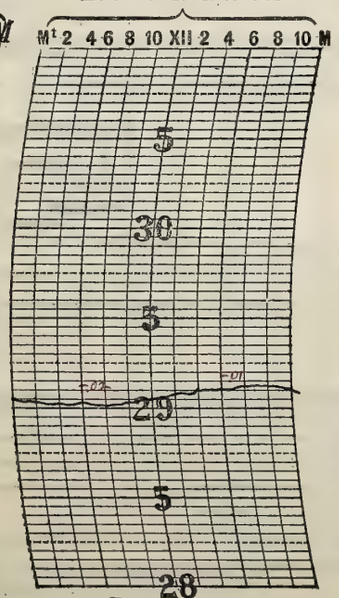
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.8 Wet temperature, 60.0
Dew-point, 56 R. humidity, 68 V. pressure, 448
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

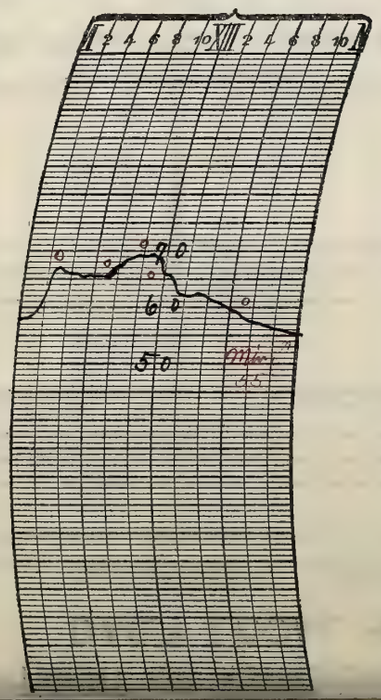
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by } OGR
Verified by

NOTES.

A cloudy day with a slow rain during the afternoon. It was comparatively warm in the morning but cool in the afternoon.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 13 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	54	53	52	52	54	61	65	68	69	69	70	71	70	69	67	62	60	58	58	57	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Clear								X Cloudy				→
Sunrise: Time, Character,	5:20 Cloudy																							
Moonrise:	6:25p Cloudy																							
Sunset: Time, Character,																					5:54 Cloudy			
Moonset:																					5:30a Cloudy			
Sunshine (in tenths of hours)						0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W	W	NW	NW	NW	W	W	W	W
Wind movement	6	9	9	10	9	8	8	8	8	13	16	17	19	16	17	17	16	15	8	6	6	5	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

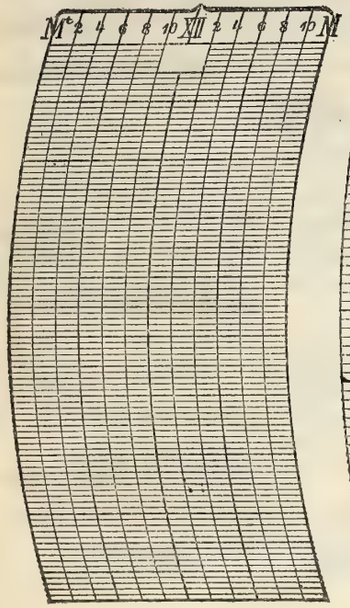
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase, Full Moon 1:00 a.m.
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 8.3 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 66
Prevailing wind direction, SW Total wind 254
Average hourly velocity, 10.6 Extreme velocity, 25
Maximum velocity, 24 Direction, W
Time began, 12:12 p. m.
Reduced barometer, 30.05 7 a. m. 30.07 7, p. m.
River gage, 1.8 feet
Relative humidity, 88 7 a. m. 65 7 p. m.

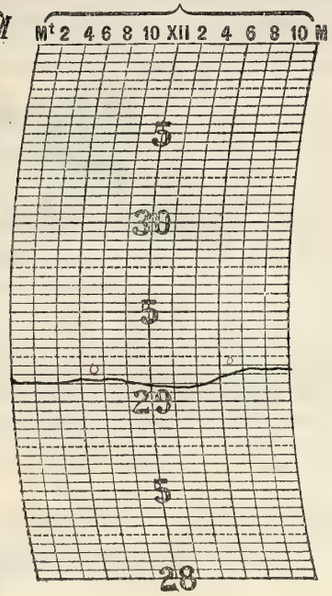
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.0 Wet temperature, 56.4
Dew-point, 46 R. humidity, 42 V. pressure, .310
Clouds: Amount, 1; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

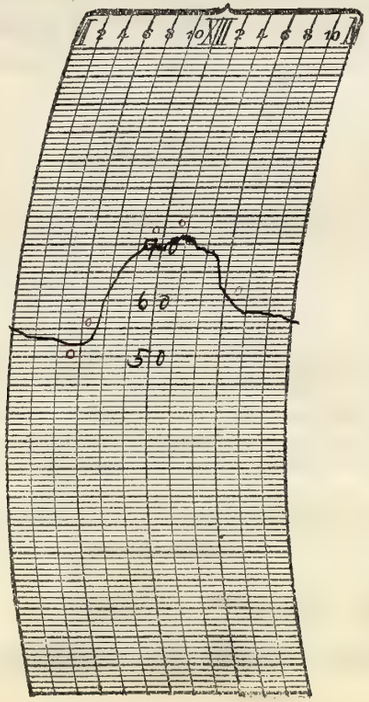
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was nearly clear during the greater part of the day. The sky became overcast a short while after the p. m. observation.

It was somewhat cool in the early morning but became more moderate during the afternoon and evening.

Prepared by } O.A.R.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 14 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	55	54	54	54	56	59	61	64	64	66	65	63	63	62	60	58	58	57	57	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Cloudy									→			
Sunrise: Time, Character,	5:21 Cloudy																							
Moonrise:	6:56 p Cloudy																							
Sunset: Time, Character,																					5:52 Cloudy			
Moonset:																					6:35a Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.1	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	SE	S	NW	NW	W	NW	N	N	N	NE	NE	NE	NE	NE	E
Wind movement	3	4	3	3	4	2	3	2	3	3	4	6	6	6	7	7	5	4	5	5	4	3	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	54	60	

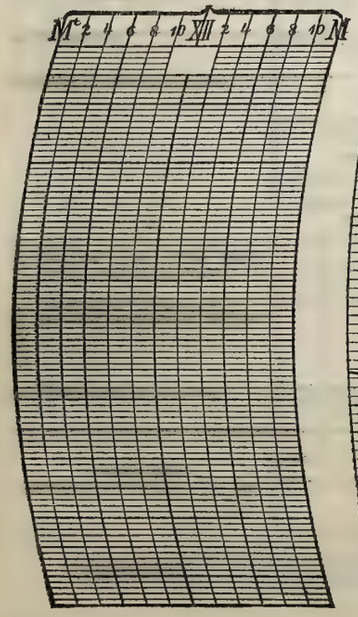
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 1
Prevailing wind direction, W Total wind 99
Average hourly velocity, 4.1 Extreme velocity, 10
Maximum velocity, 10 Direction, NW
Time began, 11:48 am
Reduced barometer, 30.15 7 a. m. 30.17 7, p. m.
River gage, 1.7 feet
Relative humidity, 82 7 a. m. 78 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

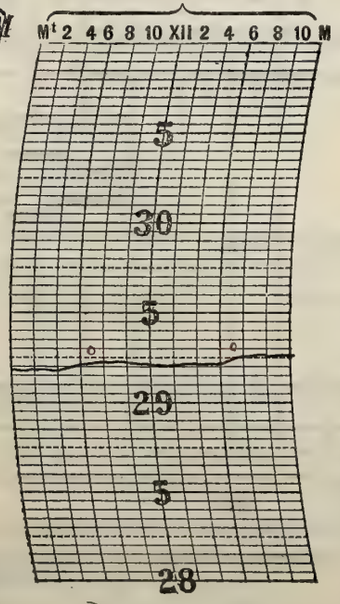
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.0 Wet temperature, 55.2
Dew-point, 48 R. humidity, 57 V. pressure, .334
Clouds: Amount, 6 (4); Kind, Cu (Cu); Direction, NW (W)
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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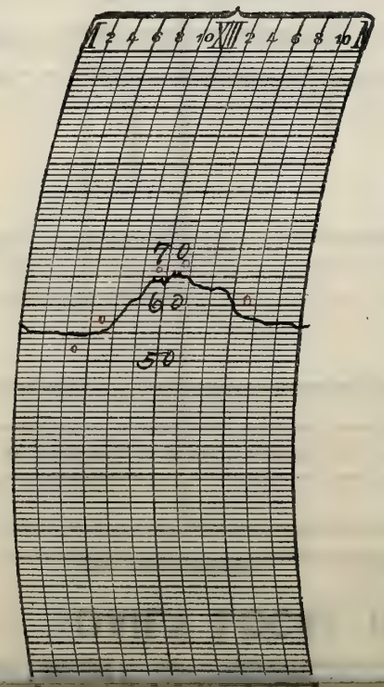


NOTES.

The sky was overcast with lower clouds during almost the entire day. Moon and a few brighter stars visible for a short while about 9 p.m.

Temperatures were low for the season.

Prepared by OAR

Verified by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 15 1924, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	55	54	54	54	55	56	58	60	63	64	65	66	65	65	63	60	60	59	57	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Cloudy												→
Sunrise: Time, Character,	5:21 Cloudy																							
Moonrise:	7:26p Cloudy																							
Sunset: Time, Character,																					5:51 Cloudy			
Moonset:																					7:37a Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	E	E	E	E
Wind movement	4	3	2	4	6	6	5	6	6	5	6	7	5	3	4	3	4	6	6	6	8	7	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

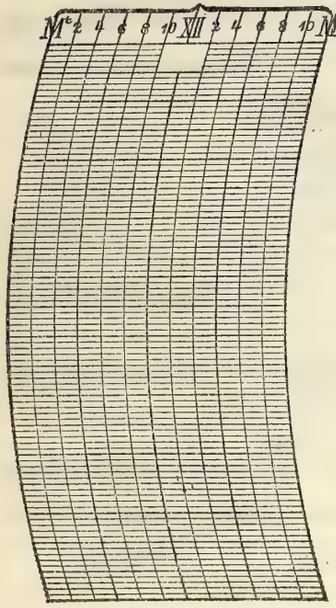
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	54	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 123
Average hourly velocity, 5.1 Extreme velocity, 9
Maximum velocity, 9 Direction, E
Time began, 8:40 p. m.
Reduced barometer, 30.27 7 a. m. 30.24 7, p. m.
River gage, 1.8 feet
Relative humidity, 88 7 a. m. 79 7 p. m.

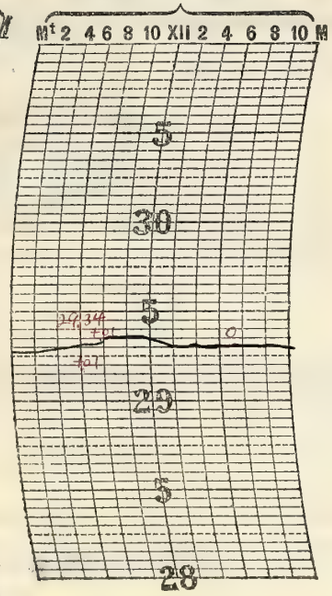
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.3 Wet temperature, 55.0
Dew-point, 50 R. humidity, 63 V. pressure, .360
Clouds: Amount, 10; Kind, St; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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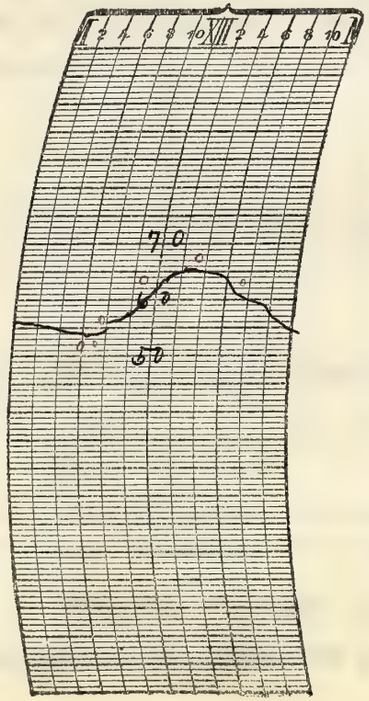


NOTES.

Lower clouds prevailed all day and into the night. The temperatures were low for the season and quite similar to those on the previous date.

Prepared by } O.E.R.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 16 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	54	54	53	53	53	56	59	64	67	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt cloudy					
Sunrise: Time, Character, 5:22 Cloudy; Moonrise: 7:58p Cloudy												
Sunshine (in tenths of hours)						0	0	0	0.3	0.9	1.0	0.5
Wind direction	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	6	4	5	4	5	7	6	6	6	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	70	68	67	65	63	61	60	59	58	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunset: Time, Character, 5:49 Cloudy; Moonset: 8:38a Cloudy												
Sunshine (in tenths of hours)	0.8	1.0	0.2	0.1	0	0						
Wind direction	NE	NE	N	NE	NE	N	NE	NE	NE	NE	NE	N
Wind movement	8	8	6	11	8	7	8	10	9	9	7	7

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

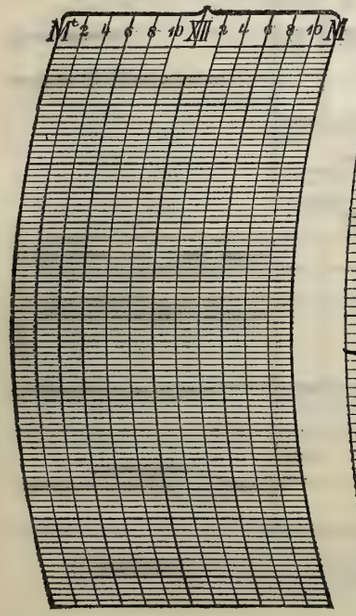
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	52	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.8 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 39
Prevailing wind direction, NE Total wind 165
Average hourly velocity, 6.9 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 7:40 p.m.
Reduced barometer, 30.21 7 a. m. 30.08 7 p. m.
River gage, 1.7 feet
Relative humidity, 94 7 a. m. 67 7 p. m.

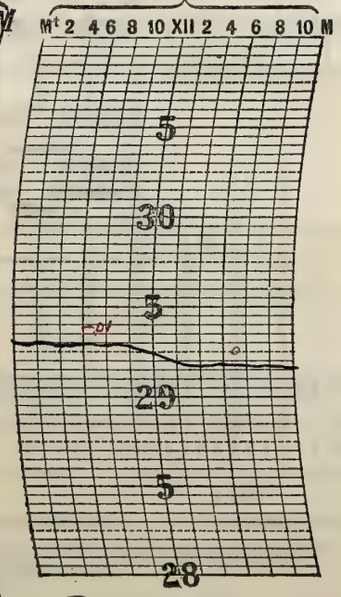
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 57.0
Dew-point, 49 R. humidity, 51 V. pressure, .347
Clouds: Amount, 6 (1); Kind, Cu (AST); Direction, NE (SW)
Velocity of clouds (miles per hour)

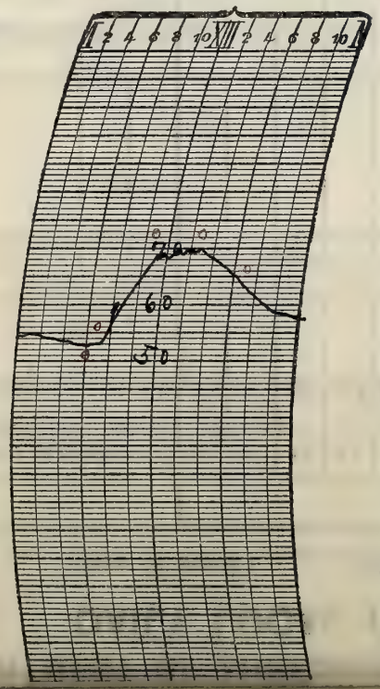
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by } O&R.
Verified by

NOTES.

Moonlight in early morning
Heavy deposit of dew in early morning.
A partly cloudy day with temperatures more nearly seasonal than on the past two days.

Maximum thermometer # 18656 removed from the instrument shelter and Maximum thermometer # 20330 placed in use.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 17 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	55	54	54	54	57	59	61	63	64	66	67	66	65	64	63	62	60	58	57	56	55
State of weather: Nature of precipitation and time of beginning and ending				RB DN	RE DN																			
Amounts of precipitation				T	T																			
Cloudiness and other conditions						← Cloudy						→	Cloudy					Cloudy			→ Clear			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.1	0.6	0.4	0.2	0	0	0						
Wind direction	N	NE	NE	NE	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	N	N	NE	NE	N	N	N	N	N
Wind movement	7	7	7	7	5	6	7	7	10	10	9	9	7	7	8	10	8	5	8	4	4	3	1	2

Sunrise: Time, 5:23 Character, Cloudy
Moonrise: 8:29 p Cloudy
Sunset: Time, 5:47 Character, Cloudy
Moonset: 9:37 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	54	61	

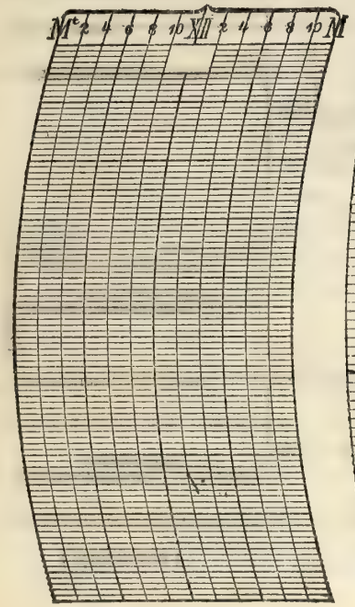
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.3 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 10
Prevailing wind direction, N-NE Total wind 153
Average hourly velocity, 6.4 Extreme velocity, 13
Maximum velocity, 13 Direction, N
Time began, 3:28 P.M.
Reduced barometer, 30.04 7 a. m. 29.98 7 p. m.
River gage, 1.7 feet
Relative humidity, 81 7 a. m. 71 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

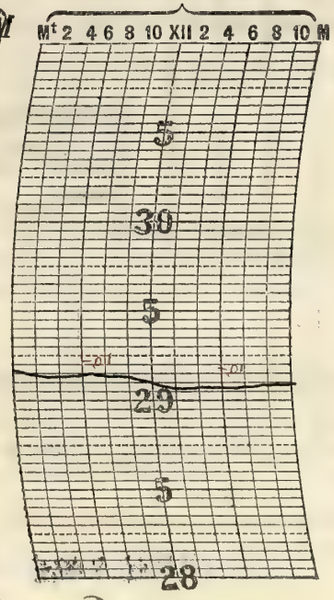
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.5 Wet temperature, 54.4
Dew-point, 47 R. humidity, 56 V. pressure, 32.2
Clouds: Amount, 1 a cu; Kind, cu; Direction, NE SW
Velocity of clouds (miles per hour)

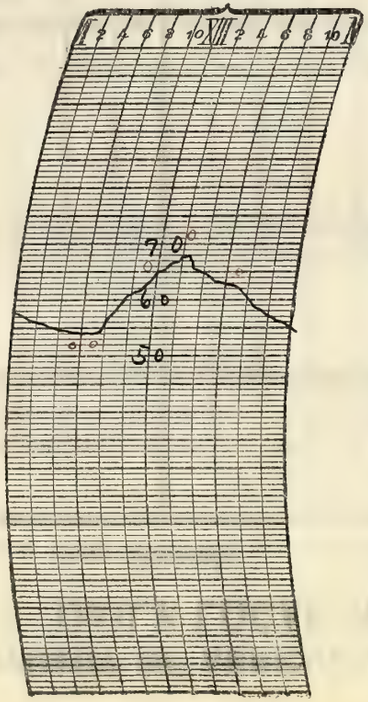
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy during the greater part of the day with clearing after the p.m. observation.
Temperatures below the seasonal average.

Prepared by } O.G.R.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 18 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	51	51	50	50	51	57	62	65	66	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear				×	Pt cldy	
Sunshine (in tenths of hours)						0	0	0	0	0.8	0.7	0.5
Wind direction	N	N	N	N	N	N	N	SE	SE	SE	E	E
Wind movement	2	3	5	4	4	2	2	2	2	4	4	4
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	68	68	68	67	65	63	61	60	58	58	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×				Cloudy				→			
Sunshine (in tenths of hours)	0.7	0.2	0	0	0	0						
Wind direction	E	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	6	6	6	5	4	4	5	6	7	6	6	7
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 5:24 Character, Cloudy
Moonrise: 9:05 p Cloudy

Sunset: Time, 5:46 Character, Cloudy
Moonset: 10:35 a Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	49	59	

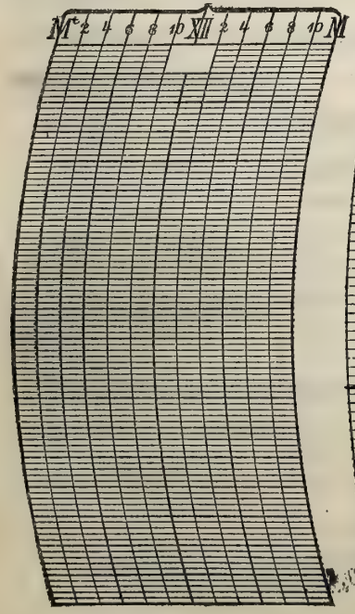
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.9 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 23
Prevailing wind direction, E Total wind 106
Average hourly velocity, 4.4 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 11:25 p m
Reduced barometer, 30.04 7 a. m. 30.01 7 p. m.
River gage, 1.7 feet
Relative humidity, 85 7 a. m. 66 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

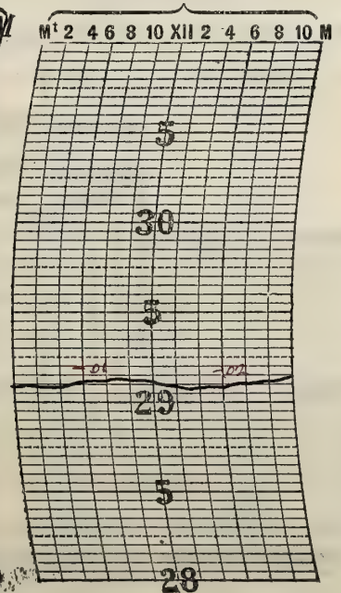
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.0 Wet temperature, 55.0
Dew-point, 46 R. humidity, 49 V. pressure, .310
Clouds: Amount, 5 ; Kind, cu ; Direction, E
Velocity of clouds (miles per hour)

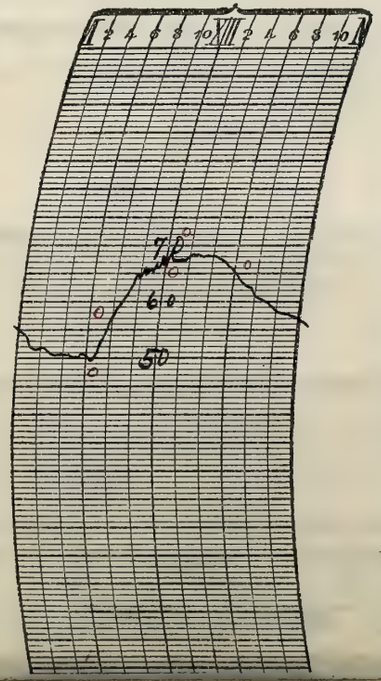
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Gradually increasing cloudiness during the forenoon; mostly cloudy in the afternoon. Brighter stars visible through upper clouds at night.
Temperatures still low for the season.

Prepared by OAR.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 19 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	53	53	53	53	58	63	67	70	70	67	66	65	65	65	65	65	66	67	68	68	68
State of weather. Nature of precipitation and time of beginning and ending												RB 11:35	-	-	-	-	-	RE 5:55						
Amounts of precipitation												T	.01	.02	.01	T	T	.01						
Cloudiness and other conditions													Cloudy											

Sunrise: Time, 5:26 Character, Cloudy
Moonrise: 9:42p Cloudy

Sunset: Time, 5:44 Character, Cloudy
Moonset: 11:31 a Cloudy

Sunshine (in tenths of hours)						0	0	0	0	0.2	0	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE	S	SE	SE	SE	E	E	E	E	SE	SE	SE	SE
Wind movement	6	5	5	6	5	4	5	7	5	7	7	11	9	6	7	5	6	6	5	6	11	8	10	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

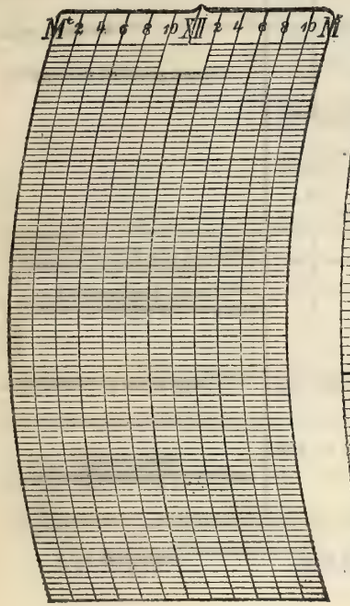
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 2
Prevailing wind direction, E Total wind 163
Average hourly velocity, 6.8 Extreme velocity, 14
Maximum velocity, 14 Direction, SE
Time began, 11:43 a
Reduced barometer, 30.06 7 a. m. 30.02 7, p. m.
River gage, 1.7 feet
Relative humidity, 94 7 a. m. 95 7 p. m.

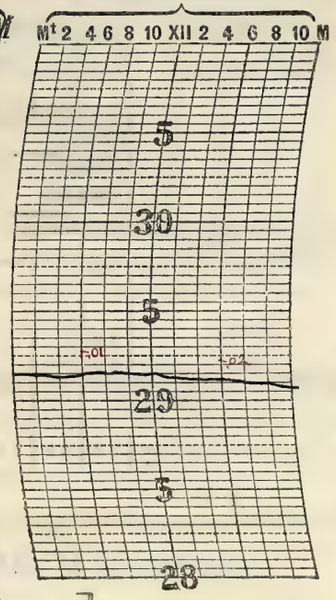
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.5 Wet temperature, 64.0
Dew-point, 60 R. humidity, 70 V. pressure, .517
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

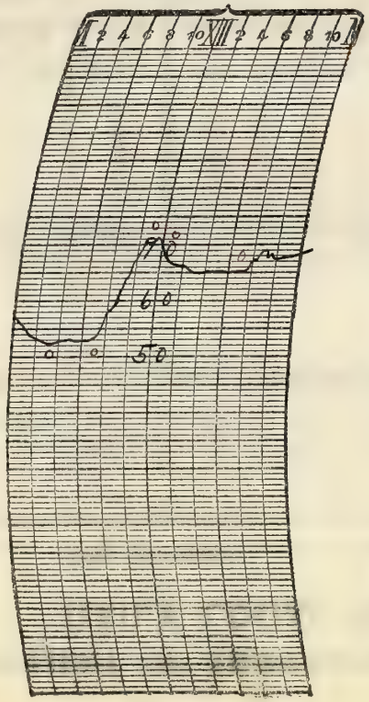
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy clouds prevailed during the entire day. The clouds broke up somewhat after the p.m. observation and the brighter stars were visible through the rifts.

The temperature rose until near noon and there was little range from noon till midnight.

Reflection from distant lightning observed about 8 p.m.

Prepared by O.E.R.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 20 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	67	67	66	67	68	69	71	73	76
State of weather: Nature of precipitation and time of beginning and ending				RB DN			RE 6:55			RB 9:50	RE 10:20	
Amounts of precipitation				.01	.01	.08	.05			T	T	
Cloudiness and other conditions						←					Cloudy	
Sunrise: Time, Character	5:27 Cloudy											
Moonrise:	10:25p Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.1
Wind direction	SE	SE	SE	SE	S	S	S	S	S	S	S	S
Wind movement	10	10	9	9	9	12	12	13	16	15	12	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	81	82	80	78	76	74	73	73	73	72
State of weather: Nature of precipitation and time of beginning and ending											RB 10:05	RE DN
Amounts of precipitation											T	T
Cloudiness and other conditions					×	Cloudy	×	Clear	→			
Sunset: Time, Character									5:42 Cloudy			
Moonset:									12:24 Cloudy			
Sunshine (in tenths of hours)	0.4	0.2	0.5	0.6	0	0						
Wind direction	S	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	13	10	10	10	8	7	9	7	8	6	7	8

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	66	74	

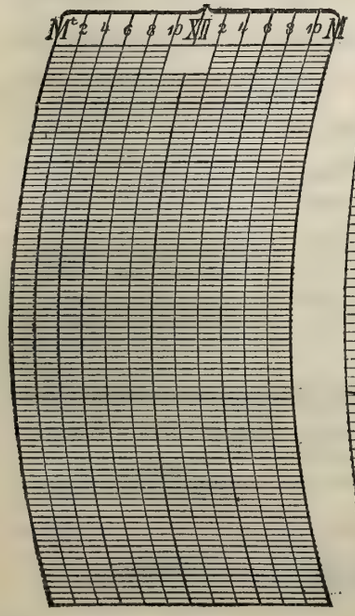
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .15 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .15 inches.
Character of day, Cloudy Moon phase, Last Quarter 9:35 p.m.
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.8 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 15
Prevailing wind direction, S Total wind 244
Average hourly velocity, 10.2 Extreme velocity, 21
Maximum velocity, 20 Direction, S
Time began, 8:47 a m.
Reduced barometer, 29.94 7 a. m. 29.97 7 p. m.
River gage, 1.7 feet
Relative humidity, 92 7 a. m. 80 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

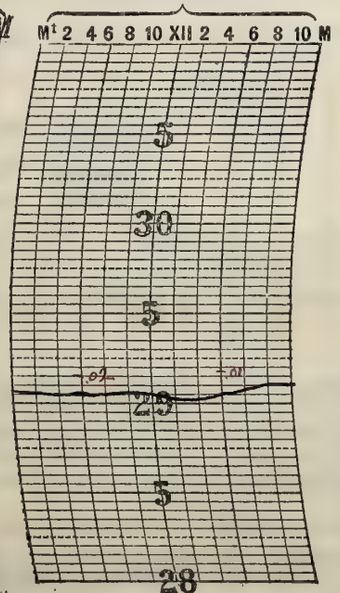
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.0 Wet temperature, 70.5
Dew-point, 68 R. humidity, 76 V. pressure, .684
Clouds: Amount, 8; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

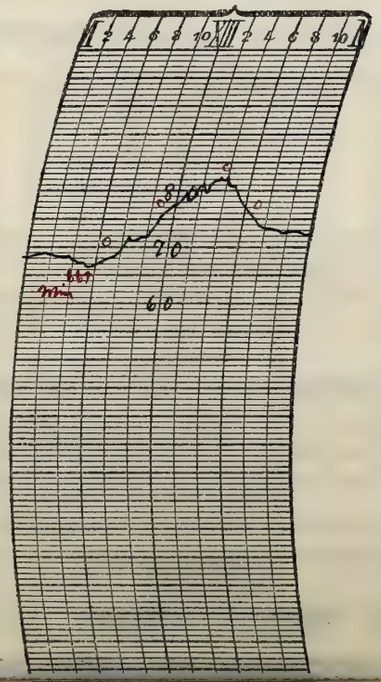
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy during the greater part of the day with clearing after nightfall. A small shower came up suddenly about 10 p.m. Temperatures moderately warm.

Prepared by OER.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 21 1924, 192

Time (local standard): 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	72	72	72	71	72	75	78	81	82	84	86	82	80	81	81	79	77	68	68	68	64	59
State of weather: Nature of precipitation and time of beginning and ending				RB DN	RE DN									RB 1:20	RE 2:45					RB 7:22	- -	- - -	RE DN	
Amounts of precipitation				T	T									.03	.03					.43	.16	.03	T	
Cloudiness and other conditions						←					Pt Cloudy								×		Cloudy		→	
Sunrise: Time, Character	5:27 Cloudy																							
Moonrise	11:11 p Cloudy																							
Sunset: Time, Character																					5:41 Cloudy			
Moonset																					1:15 P Cloudy			
Sunshine (in tenths of hours)						0	0	0.2	0.3	0.5	0.6	0.4	0.4	0.2	0.2	1.0	0	0						
Wind direction	SW	S	S	SW	SW	SW	SW	S	S	S	S	S	S	S	S	SE	S	SE	S	S	S	S	W	W
Wind movement	7	8	6	4	6	7	8	8	10	10	13	10	15	13	11	10	15	13	15	14	12	11	14	17
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	59	72	

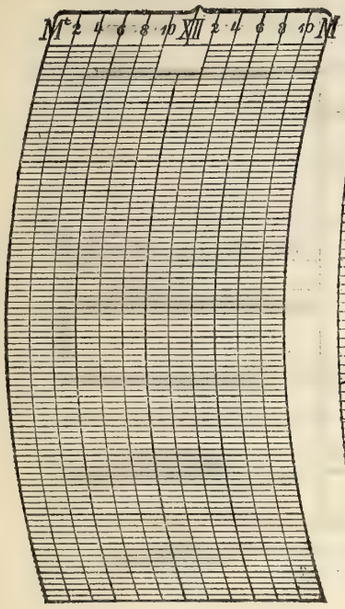
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .68 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.8 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 31
Prevailing wind direction, S Total wind 257
Average hourly velocity, 10.7 Extreme velocity, 23
Maximum velocity, 19 Direction, SW
Time began, 7:22 p. m
Reduced barometer, 30.02 7 a. m. 29.85 7, p. m.
River gage, 1.7 feet
Relative humidity, 95 7 a. m. 81 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

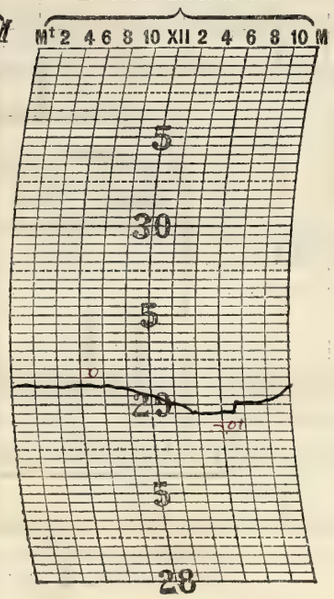
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.0 Wet temperature, 76.5
Dew-point, 74 R. humidity, 72 V. pressure, .838
Clouds: Amount, 7; Kind, cu.; Direction, SW
Velocity of clouds (miles per hour)

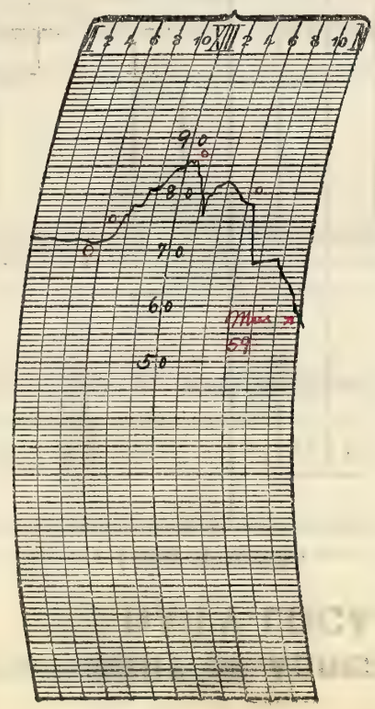
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began 1:35 p.m and ended 2:45 p.m. A second thunderstorm began 7:30 p.m and ended during the night p.m. There was considerable lightning during the second storm and the reflection from distant lightning flashes were visible about 30 min. before first thunder was heard.

A warm sultry day with temperatures some what high for the season.

Prepared by } O.E.R.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 22 1924, 192

Time (local standard) 90" mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	52	51	51	50	49	50	53	55	58	61	62	63	64	66	64	64	62	61	59	57	56	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←					Clear									→			
Sunshine (in tenths of hours)						0	0.5 0	0.4 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.65 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	15	18	16	15	16	15	14	19	19	17	19	18	19	18	15	15	9	6	3	3	3	3	3	1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:28 Character, Cloudy
Moonrise: — —

Sunset: Time, 5:39 Character, Clear
Moonset: 2:02 p Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

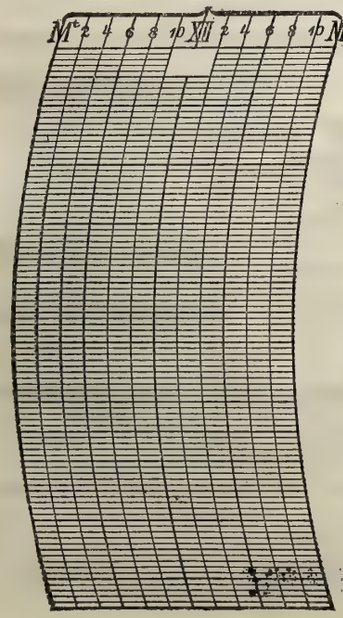
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .62 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 10.6 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 87
Prevailing wind direction, NW Total wind 299
Average hourly velocity, 12.5 Extreme velocity, 28
Maximum velocity, 24 Direction, W
Time began, 1:33 a m
Reduced barometer, 30.10 7 a. m. 30.23 7 p. m.
River gage, 1.8 feet
Relative humidity, 70 7 a. m. 51 7 p. m.

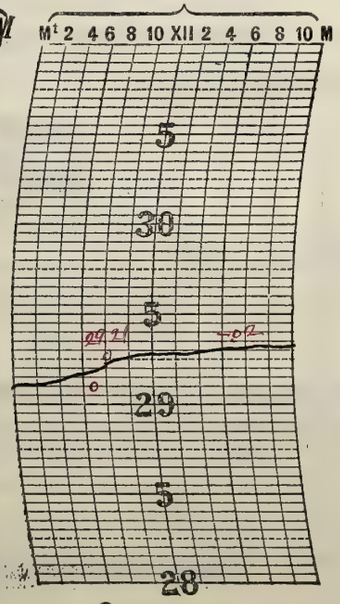
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.4 Wet temperature, 49.4
Dew-point, 36 R. humidity, 37 V. pressure, 211
Clouds: Amount, Few; Kind, cst; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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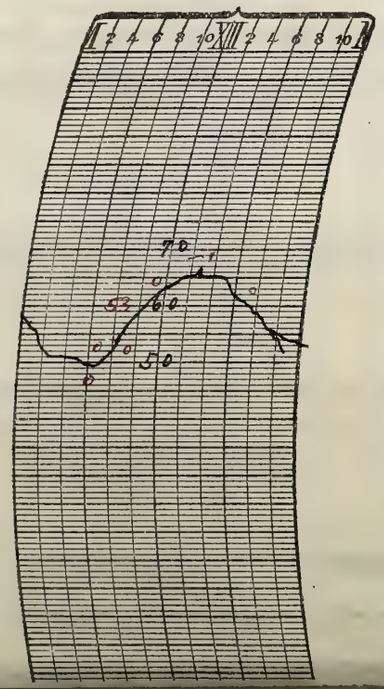


NOTES.

A clear, cool day with moderate west and northwest winds.

Prepared by O.E.R.
Verified by P. McDonough

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 23 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	50	49	49	49	50	54	56	58	61	62	64	65	65	65	64	61	58	55	52	51	50	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Clear								→				
Sunshine (in tenths of hours)						0 (.52)	0 (1.0)	0.5 (0.5)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 (.6)	0 (.62)						
Wind direction	NW	NW	O	NW	NW	NW	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	2	1	0	1	2	3	6	9	9	10	8	7	7	7	7	7	5	7	6	7	7	6	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time 5:29, Character Clear
Moonrise: 12:02 a, Clear
Sunset: Time 5:37, Character Clear
Moonset: 2:46 p, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

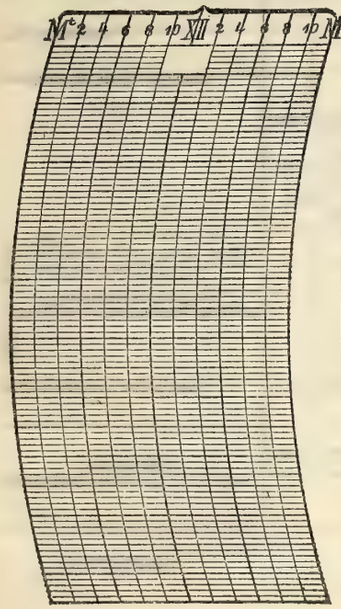
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	48	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.1 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 133
Average hourly velocity, 5.5 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 9:05 a m
Reduced barometer, 30.30 7 a. m. 30.25 7 p. m.
River gage, 2.2 feet
Relative humidity, 81 7 a. m. 69 7 p. m.

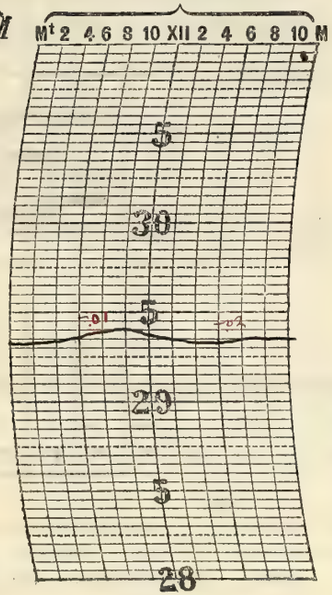
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 53.0
Dew-point, 46 R. humidity, 55 V. pressure, 310
Clouds: Amount, 2; Kind, Stu; Direction, N
Velocity of clouds (miles per hour)

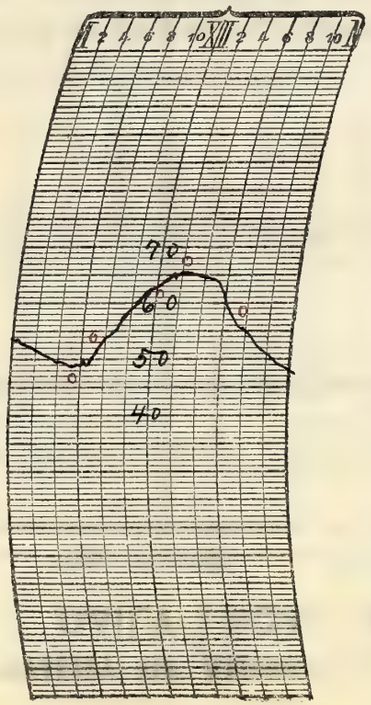
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Autumnal Equinox (autum commences), 1:59 a.m.

Heavy deposit of dew in early morning.

On account of light, shifting wind light smoke settled over the city for a while about 7 a.m.

A clear, cool day with temperatures quite similar to those on the previous date.

Prepared by O.E.R.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 24 1924, 192

Time (local standard) 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	44	44	43	45	51	55	58	60	63	64	65	67	66	65	62	59	56	54	53	52	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear										→			
Sunshine (in tenths of hours)						.50 0	1.0 0	0.8 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.60 0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	4	4	4	4	5	5	6	7	7	9	10	11	8	9	9	9	8	6	6	8	9	8	9	8

Sunrise: Time, 5:30 Character, Clear
Moonrise: 12:58a Clear
Sunset: Time, 5:36 Character, Clear
Moonset: 3:26p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

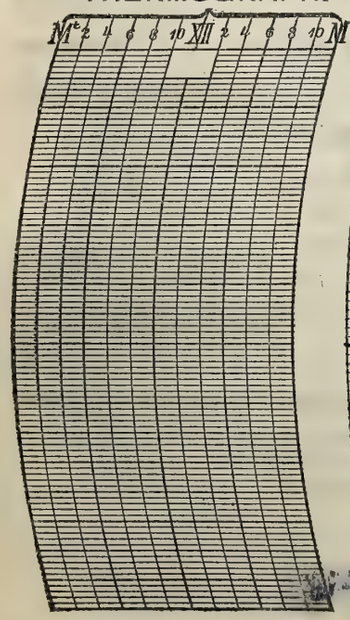
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	43	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.1 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 173
Average hourly velocity, 7.2 Extreme velocity, 16
Maximum velocity, 14 Direction, NE
Time began, 11:04a
Reduced barometer, 30.30 7 a. m. 30.23 7, p. m.
River gage, 2.3 feet
Relative humidity, 89 7 a. m. 65 7 p. m.

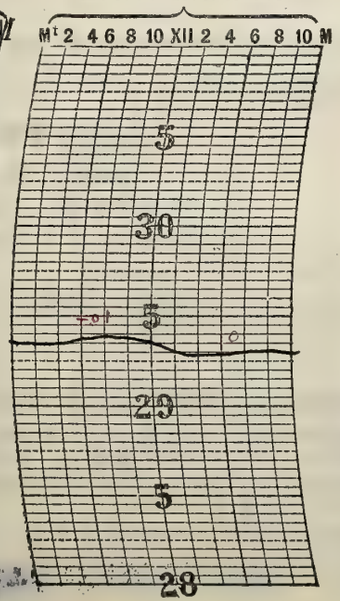
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.0 Wet temperature, 52.2
Dew-point, 42 R. humidity, 48 V. pressure, .266
Clouds: Amount, 1; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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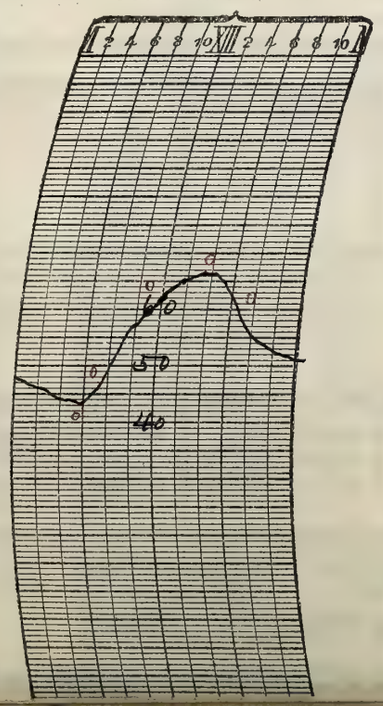


NOTES.

Heavy deposit of dew in early morning.

A clear, cool day. The weather this date and on the two preceding days has been quite similar especially as regards temperature, condition of the sky and humidity.

Prepared by O.E.R.
Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 25 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	48	48	47	49	55	62	68	71	72
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←				Clear		
Sunshine (in tenths of hours)						48 0	1.0 0	1.0 0	0.3 0.7	1.0	1.0	1.0
Wind direction	E	E	E	E	NE	NE	E	E	E	SE	SE	E
Wind movement	7	6	5	6	6	6	5	5	4	4	5	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	75	74	73	69	68	64	61	59	58	58
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								→				
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	1.0 0	57 0						
Wind direction	E	E	E	SE	SE	E	E	E	E	E	E	E
Wind movement	6	5	5	4	4	5	6	6	8	8	6	4

State of weather.

Sunrise: Time, 5:31 Character, Clear
Moonrise: 1:56a Clear

Sunset: Time, 5:34 Character, Clear
Moonset: 4:04p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

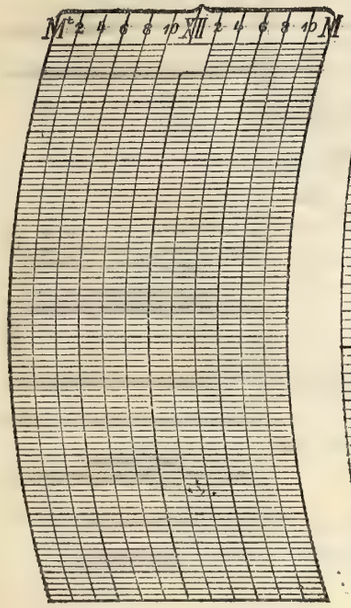
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	47	62	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 132
Average hourly velocity, 5.5 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 9:20 P.m.
Reduced barometer, 30.28 7 a. m. 30.22 7 p. m.
River gage, 2.1 feet
Relative humidity, 91 7 a. m. 59 7 p. m.

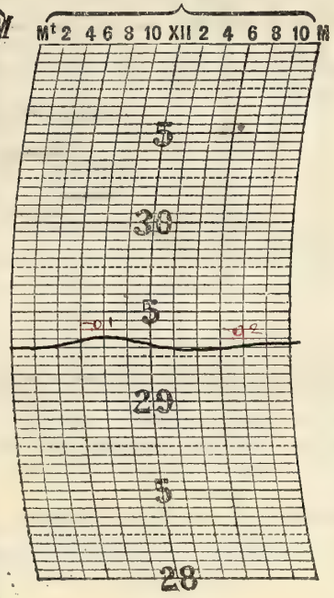
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.2 Wet temperature, 60.0
Dew-point, 52 R. humidity, 49 V. pressure, .387
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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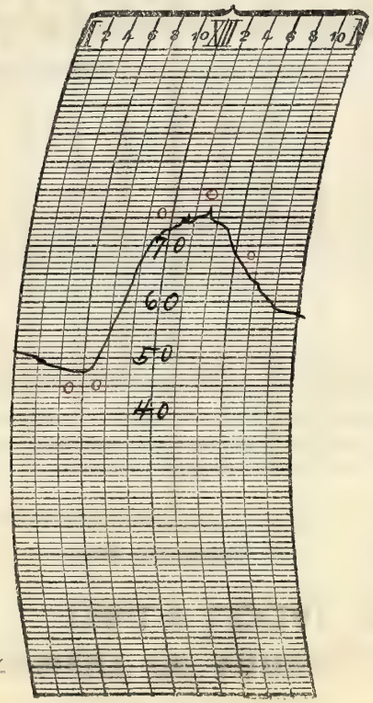


NOTES.

Heavy deposit of dew in early morning.
A clear day with only a few lower clouds during the middle of the day. The temperature rose rapidly during the forenoon and it became warm and pleasant afternoon.

Prepared by O.E.R.
Verified by S. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 26 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	56	56	54	53	56	63	68	73	74	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunshine (in tenths of hours)						47 0	1.0 0	1.0 0	0.1 0.9	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE
Wind movement	4	4	5	2	3	5	4	4	3	6	8	7

Sunrise: Time, 5:32 Character, Clear
Moonrise: 2:58 a Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	81	80	79	78	75	73	71	69	67	65	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→ Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8 0.2	53 0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	10	10	13	12	11	5	5	8	11	13	10	10

Sunset: Time, 5:32 Character, Clear
Moonset: 4:39 p Clear

Maximum velocities (exceeding 29 miles) direction and time.

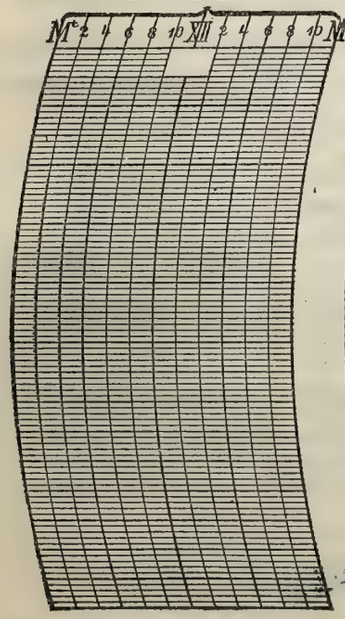
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	53	67	

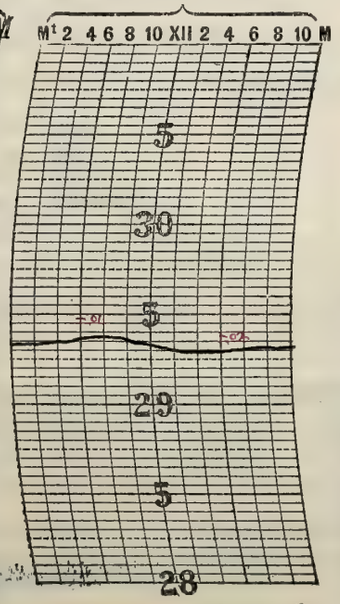
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 100
Prevailing wind direction, SE Total wind 173
Average hourly velocity, 7.2 Extreme velocity, 17
Maximum velocity, 16 Direction, SE
Time began, 2:22
Reduced barometer, 30.30 7 a. m. 30.23 7, p. m.
River gage, 2.0 feet
Relative humidity, 87 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 75.3 Wet temperature, 65.5
Dew-point, 60 R. humidity, 60 V. pressure, .517
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

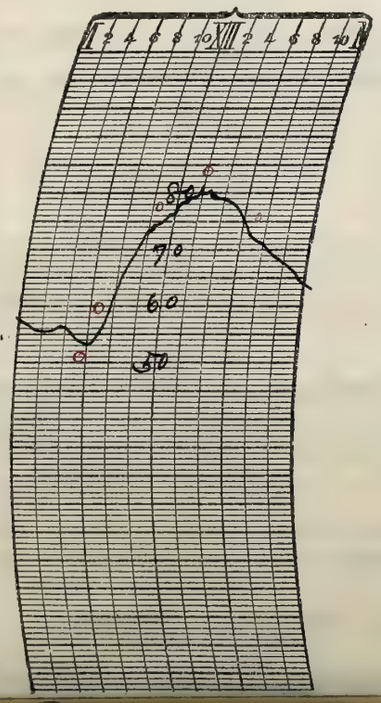
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day. Warm and pleasant.

Prepared by O.R.
Verified by F. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 27 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	60	60	60	61	64	65	68	71	74	77	76	76	74	72	71	71	69	68	67	68	67
State of weather: Nature of precipitation and time of beginning and ending									RB 8:05 RE 8:45 T															
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy						→	R+Cldy ×		Cloudy			×			Clear →			

Sunrise: Time, 5:33 Character, Cloudy
Moonrise: 4:04 a Cloudy

Sunset: Time, 5:30 Character, Cloudy
Moonset: 5:12 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.4	0.7	0	0	0.2	0	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	9	8	8	6	8	7	6	9	9	11	11	11	13	11	11	12	10	6	7	8	8	9	11	12
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	60	68	

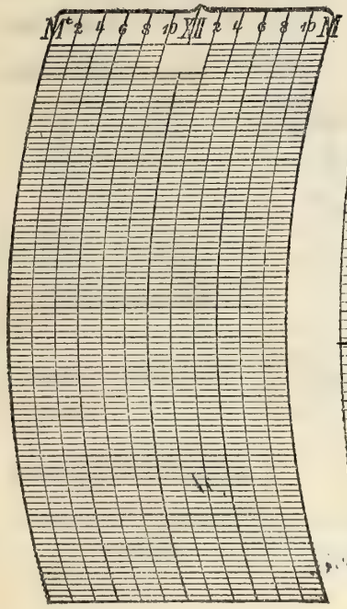
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.3 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 11
Prevailing wind direction, SE Total wind 221
Average hourly velocity, 9.2 Extreme velocity, 18
Maximum velocity, 17 Direction, S
Time began, 12:44 p.m.
Reduced barometer, 30.27 7 a. m. 30.13 7, p. m.
River gage, 1.9 feet
Relative humidity, 88 7 a. m. 71 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

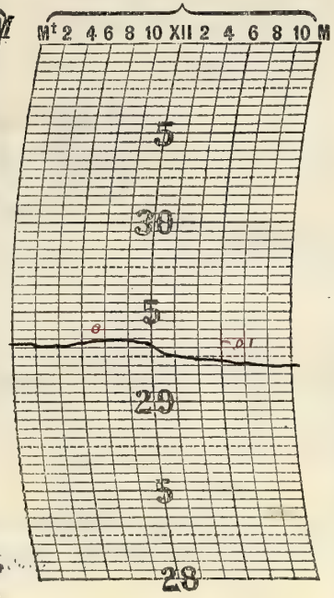
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.6 Wet temperature, 65.1
Dew-point, 61 R. humidity, 64 V. pressure, .536
Clouds: Amount, 6 (a cu); Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

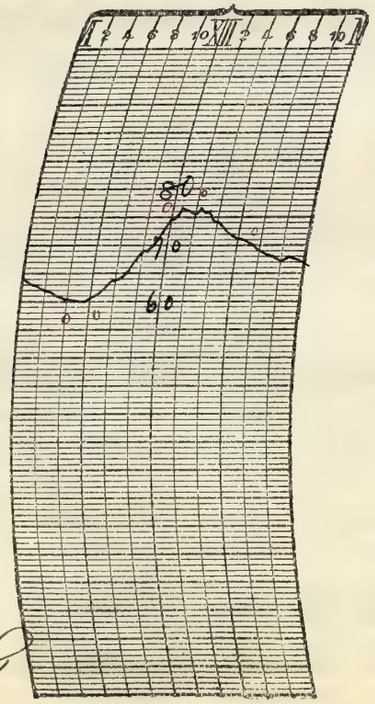
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was apparently clear until about 5:30 a.m., when clouds came in from the southwest. Cloudy during the greater part of the day; clearing somewhat after nightfall. Moderate temperatures.

Prepared by O.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 28 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	57	55	55	54	54	54	55	53	54	55	56
State of weather: Nature of precipitation and time of beginning and ending	RB DN	- -	- -	- -	- -	- -	- -	- -	RE 8:50 —			
Amounts of precipitation	.02	.11	.06	T	.01	.04	.11	.04	.01			
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, Character	5:35 Cloudy											
Moonrise	5:10a Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	10	13	13	6	5	5	4	11	12	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	60	60	59	58	55	53	51	49	48	47	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character									5:29 Cloudy			
Moonset									5:45p Cloudy			
Sunshine (in tenths of hours)	0.1	0.5	0.5	0	0	0						
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	7	7	9	10	11	9	6	6	7	8	9	8

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	46	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .33 ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .40 inches.

Character of day, Cloudy Moon phase, New moon ~~2:16 p.m.~~

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 11 Possible sunshine, hours, 11.9

Per cent of possible sunshine, 9

Prevailing wind direction, NW Total wind 209

Average hourly velocity, 8.7 Extreme velocity, 16

Maximum velocity, 15 Direction, NW

Time began, 2:54 am

Reduced barometer, 30.16 7 a. m. 30.22 7, p. m.

River gage, 1.9 feet

Relative humidity, 97 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

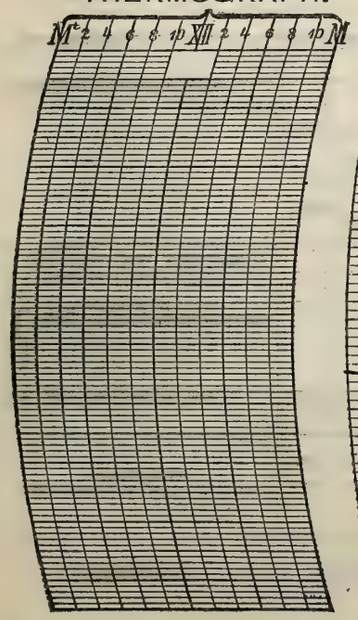
Dry temperature, 56.0 Wet temperature, 51.5

Dew-point, 48 R. humidity, 74 V. pressure, .334

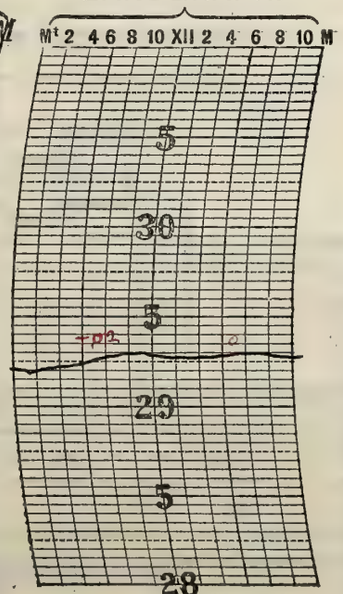
Clouds: Amount, 10; Kind, Stau; Direction, NW

Velocity of clouds (miles per hour)

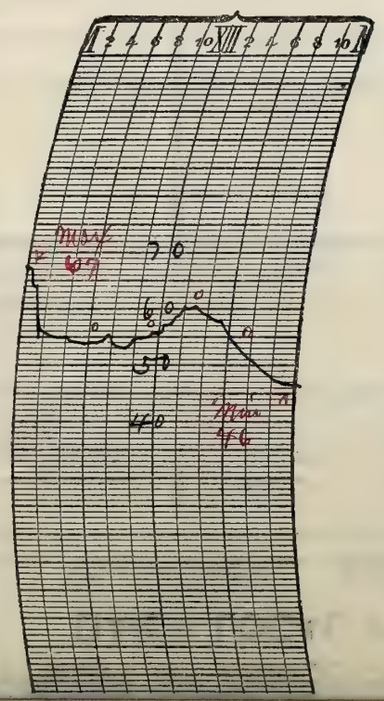
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cool, cloudy day, clearing somewhat in the late afternoon and evening. Stars visible at night.

Prepared by O.E.R.

Verified by T. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 29 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	46	46	45	45	45	46	48	49	51	52	52	51	52	52	51	50	49	49	48	47	46	46	46
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Cloudy													→
Sunrise: Time, 5:36 Character, Cloudy																					Sunset: Time, 5:27 Character, Cloudy			
Moonrise: 6:18a Cloudy																					Moonset: 6:18p Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0.1	0	0	0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	N	N	NW	NW	N	NW	NW	NW	N	N
Wind movement	7	8	7	7	6	6	9	8	8	9	8	11	12	13	13	11	10	10	7	7	8	9	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

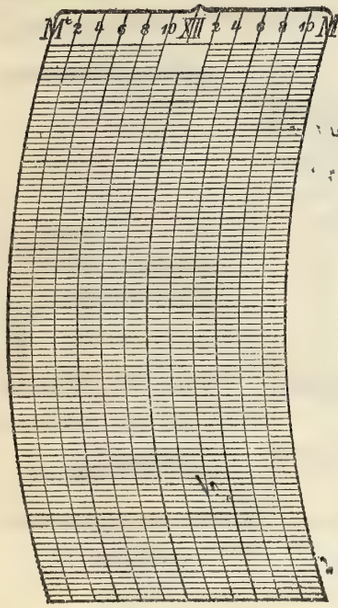
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	45	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.1 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 1
Prevailing wind direction, N Total wind 211
Average hourly velocity, 8.8 Extreme velocity, 16
Maximum velocity, 16 Direction, N
Time began, 2:20p
Reduced barometer, 30.16 7 a. m. 30.13 7, p. m.
River gage, 1.9 feet
Relative humidity, 75 7 a. m. 58 7 p. m.

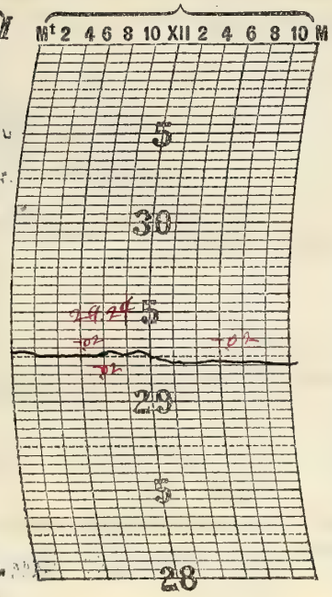
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.5 Wet temperature, 45.5
Dew-point, 40 R. humidity, 63 V. pressure, .247
Clouds: Amount, 2/8; Kind, a cu / S cu; Direction, NW / SW
Velocity of clouds (miles per hour)

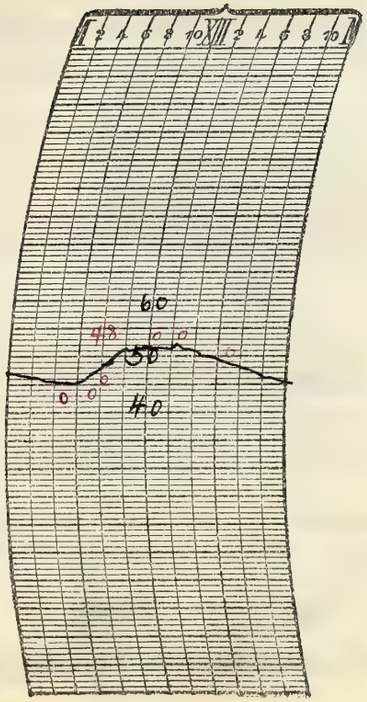
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day, with a cool north wind.

Prepared by O.E.R.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) SEP 30 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	42	42	42	42	42	43	46	47	49	48	49	49	49	50	48	46	46	45	43	43	43
State of weather. Nature of precipitation and time of beginning and ending							RB 6:35 RE 6:55																	
Amounts of precipitation							T																	
Cloudiness and other conditions						←					Cloudy										→			

Sunrise: Time, 5:37 Character, Cloudy
Moonrise: 7:28a Cloudy
Sunset: Time, 5:25 Character, Cloudy
Moonset: 6:54p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.1	0	0.2	0	0	0	0						
Wind direction	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	SW
Wind movement	8	7	9	8	10	8	10	11	12	12	13	15	13	13	13	11	10	8	8	10	8	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

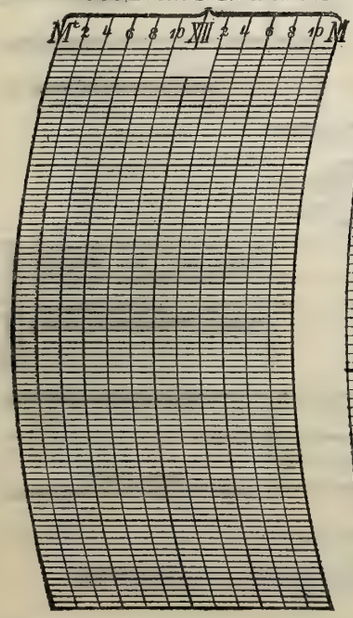
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	42	46	

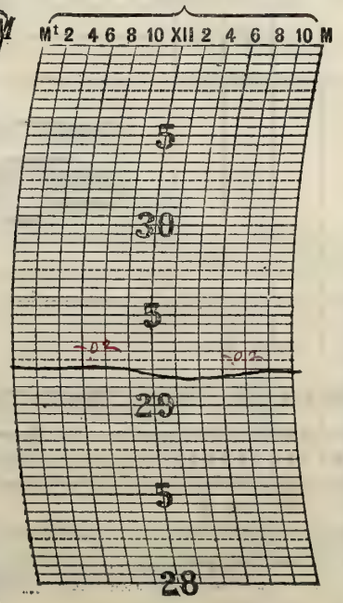
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.3 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 3
Prevailing wind direction, NW Total wind 235
Average hourly velocity, 9.8 Extreme velocity, 19
Maximum velocity, 16 Direction, NW
Time began, 10:45 am
Reduced barometer, 30.11 7 a. m. 30.09 7 p. m.
River gage, 1.9 feet
Relative humidity, 74 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 48.8 Wet temperature, 41.0
Dew-point, 31 R. humidity, 50 V. pressure, 172
Clouds: Amount, 8; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

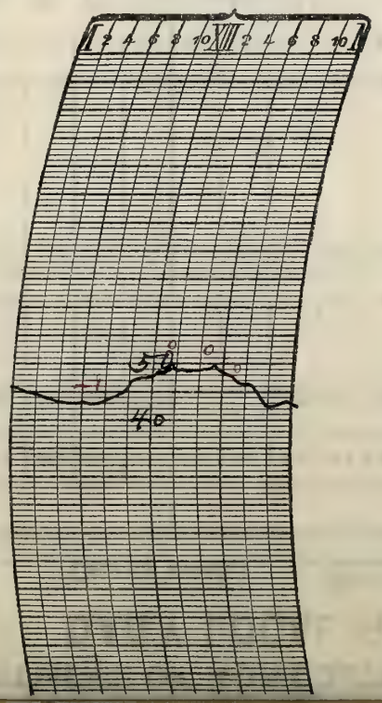
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy during the greater part of the day with clearing after nightfall. Rather cool for the season

Prepared by O.G.R.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 1 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	41	39	38	37	36	38	45	50	54	57	60	62	63	64	63	62	59	56	55	54	53	52	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)						.37 0	1.0 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	1.0 0	.38 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	7	9	9	11	10	10	10	12	13	15	15	15	15	16	15	15	12	11	10	13	14	9	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:38 Character, Clear
Moonrise: 8:38 a Clear
Sunset: Time, 5:23 Character, Clear
Moonset: 7:33 p Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

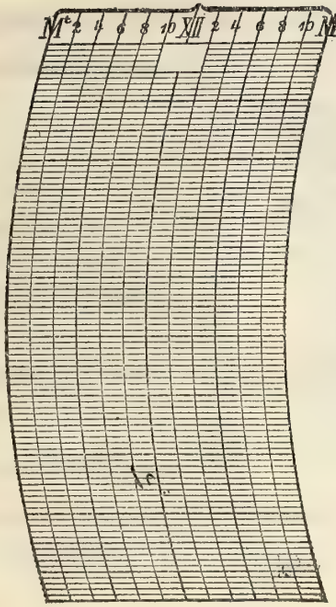
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	36	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.8 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 281
Average hourly velocity, 11.7 Extreme velocity, 21
Maximum velocity, 20 Direction, SW
Time began, 1:52 p m
Reduced barometer, 30.16 7 a. m. 30.07 7, p. m.
River gage, 1.8 feet
Relative humidity, 83 7 a. m. 56 7 p. m.

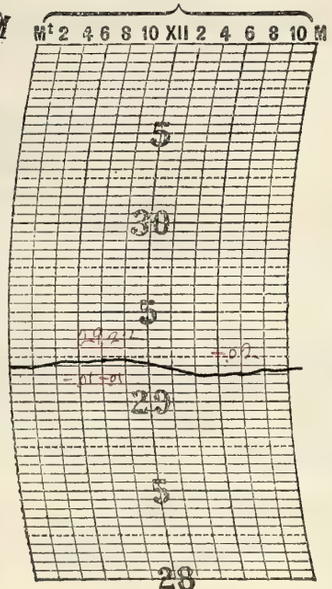
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.2 Wet temperature, 47.7
Dew-point, 35 R. humidity, 41 V. pressure, 203
Clouds: Amount, Few; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

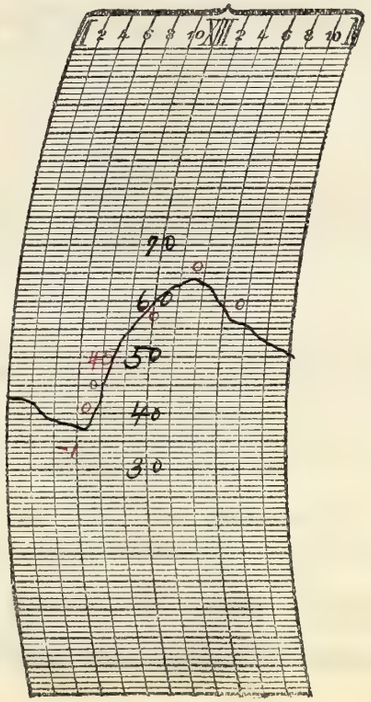
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy frost in a m
A clear day with rising temperature.

Prepared by O.E.R.
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 2 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	47	47	47	47	49	54	58	63	67	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												Clear
Sunshine (in tenths of hours)						35 0	1.0 0	1.0 0	0.4 0.6	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	11	9	10	9	10	10	11	14	11	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73	74	73	71	67	65	63	61	59	58	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	1.0 0	0.7 0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	15	15	16	14	11	10	10	10	9	9	9	9

Sunrise: Time, 5:39 Character, Clear
Moonrise: 9:48 a Clear

Sunset: Time, 5:22 Character, Clear
Moonset: 8:16 p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

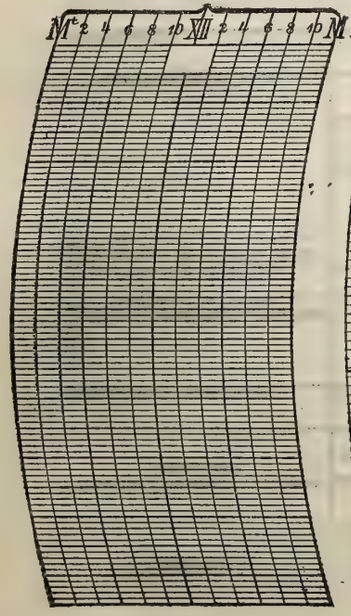
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	47	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.7 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind 266
Average hourly velocity, 11.1 Extreme velocity, 19
Maximum velocity, 17 Direction, S
Time began, 1:16 p.m
Reduced barometer, 30.10 7 a. m. 30.07 7 p. m.
River gage, 1.8 feet
Relative humidity, 74 7 a. m. 55 7 p. m.

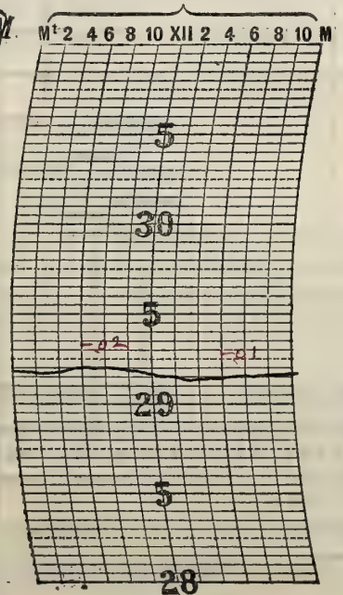
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.5 Wet temperature, 57.0
Dew-point, 48 R. humidity, 46 V. pressure, 334
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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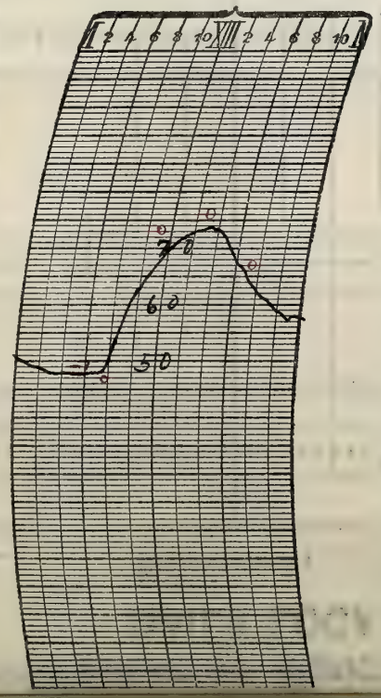


NOTES.

A clear day with moderate temperatures. Very pleasant fall weather.

Prepared by O.E.R.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 3 1924, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	55	53	52	54	58	62	66	69	72	73	74	75	73	71	68	66	64	63	61	61	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Clear									X			8+	cldy		→	
Sunshine (in tenths of hours)						0 (.33)	0 (1.0)	0.1 (0.9)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	8	7	7	8	9	8	10	13	13	12	13	14	17	16	16	13	8	9	8	8	7	7	7	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:40 Character, Clear
Moonrise: 10:56 a Clear
Sunset: Time, 5:20 Character, Cloudy
Moonset: 9:05 p Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

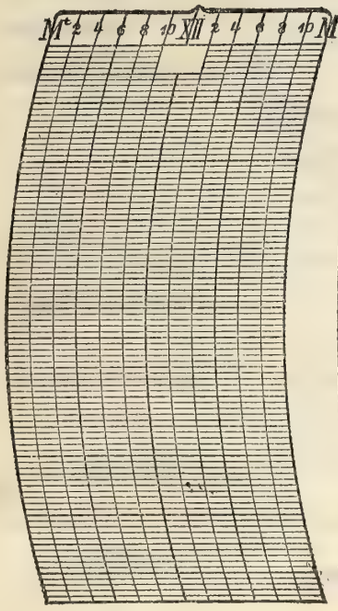
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.7 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 83
Prevailing wind direction, S Total wind 248
Average hourly velocity, 10.3 Extreme velocity, 21
Maximum velocity, 18 Direction, S
Time began, 12:35 a.m
Reduced barometer, 30.127 a. m. 30.047, p. m.
River gage, 1.8 feet
Relative humidity, 68 7 a. m. 49 7 p. m.

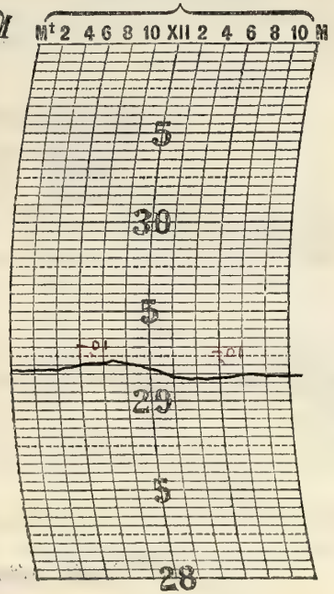
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.0 Wet temperature, 57.7
Dew-point, 48 R. humidity, 44 V. pressure, .334
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

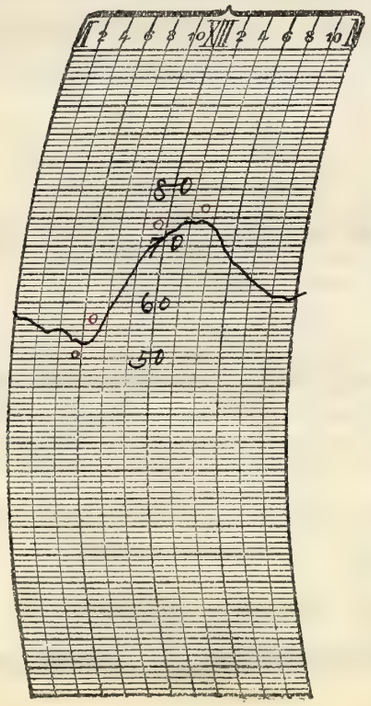
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was clear with increasing cloudiness during the afternoon. Moon and bright stars visible through thin clouds at night.
Moderate temperatures.

Prepared by E.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 4 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	60	60	61	58	58	58	60	62	66	68	69
State of weather. Nature of precipitation and time of beginning and ending					RB 4:20	- - - -	- - - -	RE 7:10				
Amounts of precipitation					.15	.02	.04	T				
Cloudiness and other conditions					Cloudy							
Sunrise: Time, Character, 5:41 Cloudy												
Moonrise: 12:00 mn Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.2	0.7
Wind direction	SE	S	S	S	SW	S	S	S	SW	SW	SW	SW
Wind movement	10	10	12	14	10	8	8	11	11	16	17	16

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	71	72	72	70	67	66	65	65	65	64	64
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy				Clear			Cloudy				
Sunset: Time, Character, 5:19 Clear												
Moonset: 9:57p Cloudy												
Sunshine (in tenths of hours)	0.4	0.7	0.8	0.8 0.7	1.0 0	.32 0						
Wind direction	S	SW	S	SW	SW	S	S	S	SE	S	S	SE
Wind movement	16	13	14	13	9	7	5	6	6	7	6	6

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	58	66	

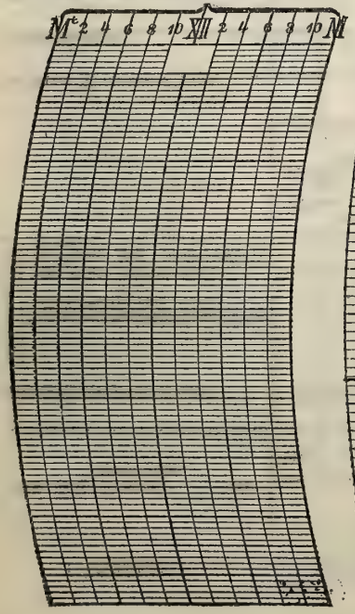
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, 0.21 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.3 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 46
Prevailing wind direction, S Total wind 251
Average hourly velocity, 10.5 Extreme velocity, 21
Maximum velocity, 20 Direction, SW
Time began, 11:52 am
Reduced barometer, 30.07 7 a. m. 30.12 7, p. m.
River gage, 1.9 feet
Relative humidity, 97 7 a. m. 80 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

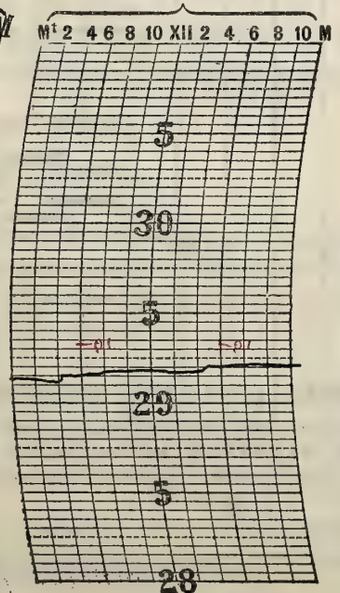
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.2 Wet temperature, 62.7
Dew-point, 59 R. humidity, 70 V. pressure, .499
Clouds: Amount, 7; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

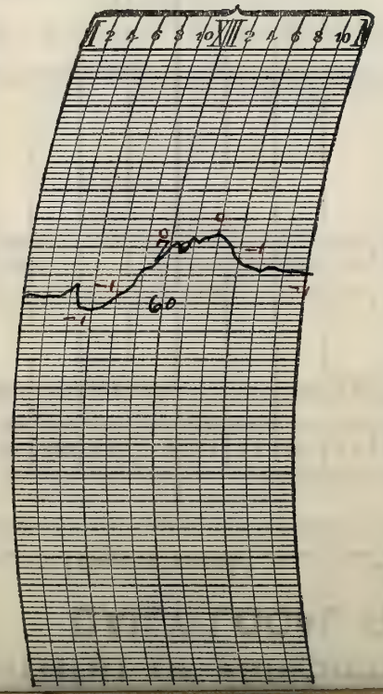
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm began 4:00 am and ended 7:10 am. There was considerable lightning. The storm was accompanied by light rain.

Cloudy until about 10:15 am, followed by partly Cloudy until 4 pm, when the sky cleared and remained so until about 6 pm, Cloudiness developing suddenly about that time, and this condition remained until after midnight. There was some moonlight in the evening. Moderate temperatures prevailed during the day. The day as a whole was pleasant

Prepared by O.E.R.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 5 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	65	65	65	66	69	72	74	74	76
State of weather: Nature of precipitation and time of beginning and ending		RB DN			RE DN							
Amounts of precipitation		T	T	T	T							
Cloudiness and other conditions				← Cldy			→ clear					Cloudy
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	11	9	11	10	11	11	12	16	19	18	19	18
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.3	0

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	75	74	73	71	69	67	65	62	59	57
State of weather: Nature of precipitation and time of beginning and ending						RB 5:15 RE 5:35						
Amounts of precipitation						.06						
Cloudiness and other conditions	Cloudy								→			
Wind direction	SW	SW	SW	SW	SW	SW	W	SW	W	W	W	W
Wind movement	21	20	16	16	13	8	9	8	8	11	11	10
Sunshine (in tenths of hours)	0.1	0	0	0	0	0						

Sunrise: Time, 5:42 Character, Cloudy
Moonrise: 1:00p Cloudy
Sunset: Time, 5:47 Character, Cloudy
Moonset: 10:58p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	57	67	

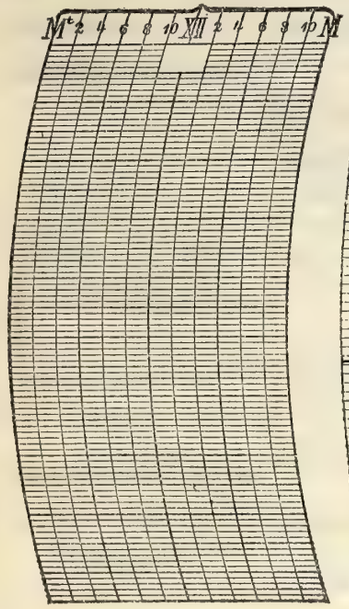
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase, First Quarter 8:30 am
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.6 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 5
Prevailing wind direction, SW Total wind 316
Average hourly velocity, 13.2 Extreme velocity, 27
Maximum velocity, 25 Direction, SW
Time began, 12:35p
Reduced barometer, 30.14 7 a. m. 30.15 7 p. m.
River gage, 1.8 ft
Relative humidity, 85 7 a. m. 86 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

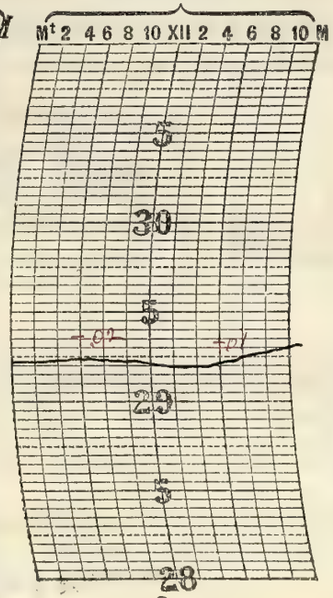
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 75.3 Wet temperature, 68.8
Dew-point, 65 R. humidity, 72 V. pressure, .616
Clouds: Amount, 10; Kind, Strat.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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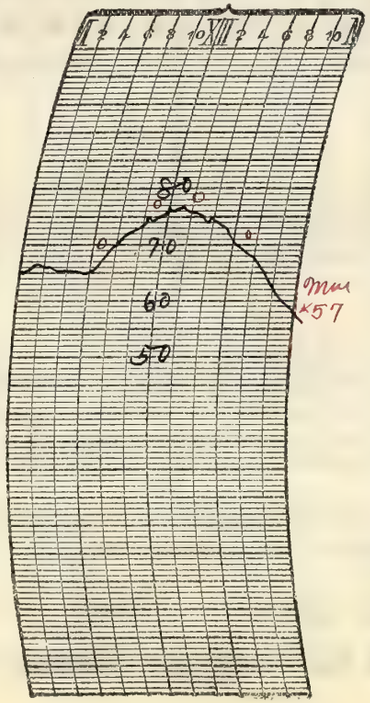


NOTES.

A light sprinkle occurred in the early morning and a small shower in the evening. The sky cleared somewhat about the time of the morning observation but was generally cloudy throughout the remainder of the day and into the night. The sky cleared after eleven p.m. One peal of thunder was heard about 6:05 p.m. and reflections from distant lightning were observed for some time during the evening to the east.

Moderately warm temperatures. Strong winds from south and southwest.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 6 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	52	50	49	50	54	56	58	60	64	65	67	67	66	65	64	62	61	60	59	58	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←					Clear							×	Cldy	→			
Sunshine (in tenths of hours)						.28 0	1.0 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.2	1.0 0	.25 0						
Wind direction	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	6	6	6	4	3	4	4	5	4	6	8	7	6	8	6	4	4	2	2	1	1	1	1

Sunrise: Time, 5:43 Character, Clear
Moonrise: 1:51 p Clear
Sunset: Time, 5:15 Character, Clear
Moonset: — —

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

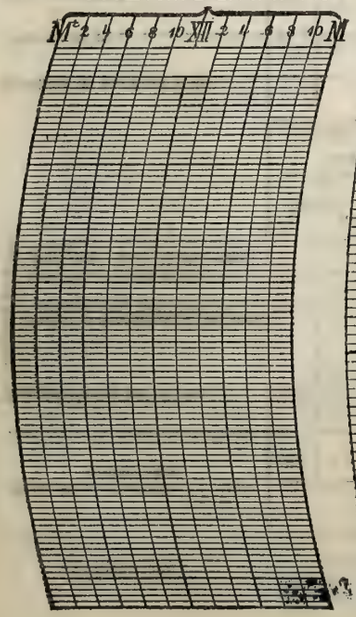
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	48	58	

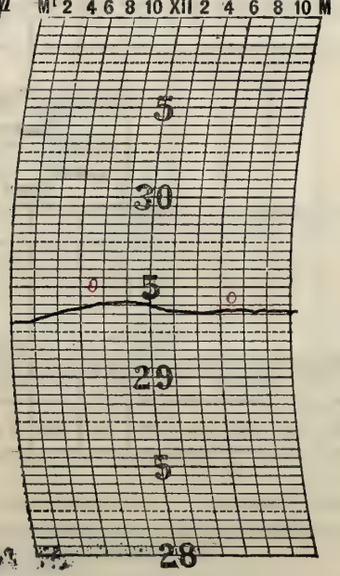
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.9 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 95
Prevailing wind direction, W-NW Total wind 107
Average hourly velocity, 4.5 Extreme velocity, 10
Maximum velocity, 10 Direction, W
Time began, 12:05 p. m.
Reduced barometer, 30.32 7 a. m. 30.31 7, p. m.
River gage, 1.9 feet
Relative humidity, 82 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 63.5 Wet temperature, 54.5
Dew-point, 48 R. humidity, 56 V. pressure, .334
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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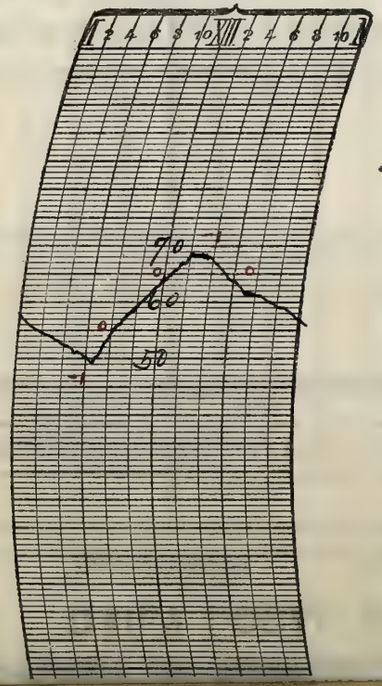


NOTES.

The sky was cloudless in the forenoon and there were only a few clouds in the afternoon. The alto-cumulus clouds increased somewhat after nightfall. Moon and stars visible at intervals through rifts in the clouds.
A lunar corona was observed from 6:30 p.m. till about 8:00 p.m.
Temperatures about seasonal.

Prepared by OEK.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 7 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	55	56	56	55	55	55	57	58	57	58	58	57	57	57	57	57	56	55	54	53	52
State of weather: Nature of precipitation and time of beginning and ending						RB DN	-	-	-	-	-	-	RE 1245			RB 3:05 RE 3:50								
Amounts of precipitation						T	.01	.02	T	.01	.01	T	T			T								
Cloudiness and other conditions						← Cloudy															→ Clear →			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	3	3	4	3	2	1	2	1	2	2	3	2	4	3	4	5	4	4	5	4	3	4	5	4

Sunrise: Time, 5:44 Character, Cloudy
Moonrise: 2:38 p Cloudy

Sunset: Time, 5:14 Character, Cloudy
Moonset: 12:02 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

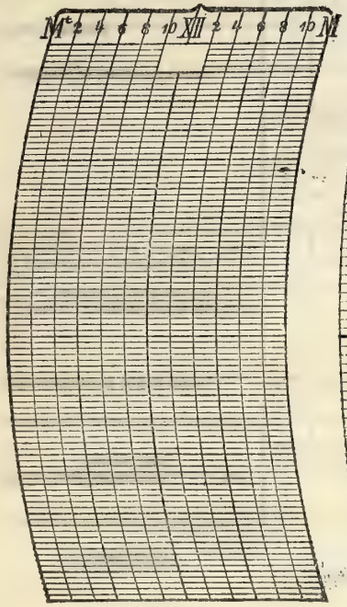
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	52	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind 77
Average hourly velocity, 3.2 Extreme velocity, 6
Maximum velocity, 6 Direction, N
Time began, 11:10 p.m.
Reduced barometer, 30.29 7 a. m. 30.25 7 p. m.
River gage, 2.0 feet
Relative humidity, 94 7 a. m. 89 7 p. m.

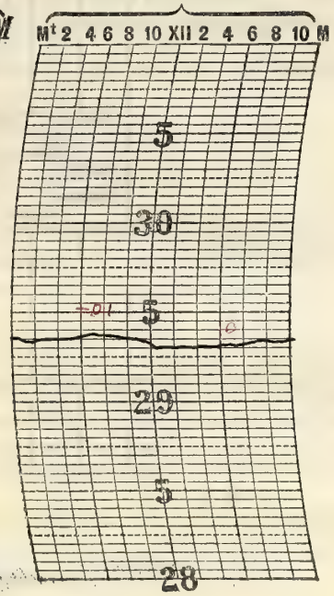
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.4 Wet temperature, 55.0
Dew-point, 54 R. humidity, 86 V. pressure, .417
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

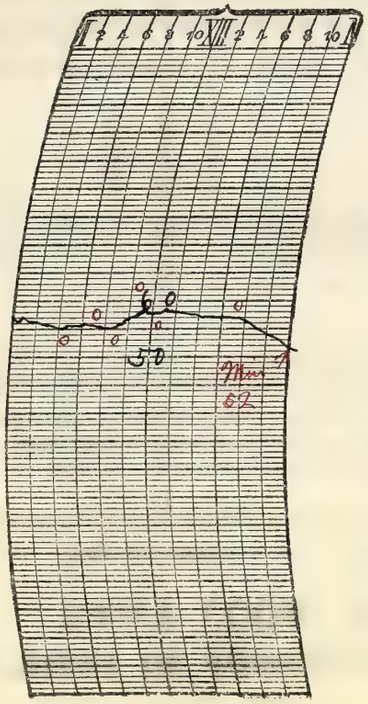
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was entirely overcast all day with a light rain lasting all forenoon and for a while in the afternoon. The clouds broke away and the sky cleared between 7 p.m. and 8 p.m. Pale moonlight for a while.

The wind was very light and there was little variation in the temperature for the day.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 8 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	49	48	47	47	51	53	56	59	60	61	62	62	61	58	55	52	50	48	47	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	clear	X		Pt	cldy		X				clear					→		
Sunrise: Time, 5:45 Character, Cloudy																								
Moonrise: 3:18p Clear																								
Sunset: Time, 5:12 Character, Clear																								
Moonset: 1:07a Cloudy?																								
Sunshine (in tenths of hours)						0	0	0	0.3	0	0.4	0.3	0.8	1.0	1.0	0.6 0.3	1.0 0	2.0 0						
Wind direction	N	N	N	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	3	6	8	11	10	7	7	12	13	13	13	14	13	14	14	14	12	11	12	12	11	11	11	9
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	45	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 5.9 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 52
Prevailing wind direction, E Total wind 261
Average hourly velocity, 10.9 Extreme velocity, 19
Maximum velocity, 17 Direction, E
Time began, 12:37 pm
Reduced barometer, 30.357 a. m. 30.327 p. m.
River gage, 1.9 feet
Relative humidity, 93 7 a. m. 75 7 p. m.

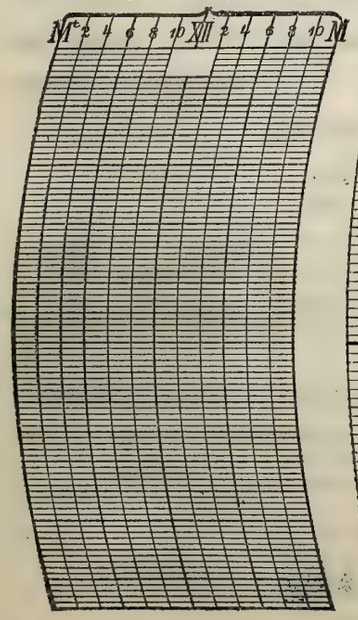
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

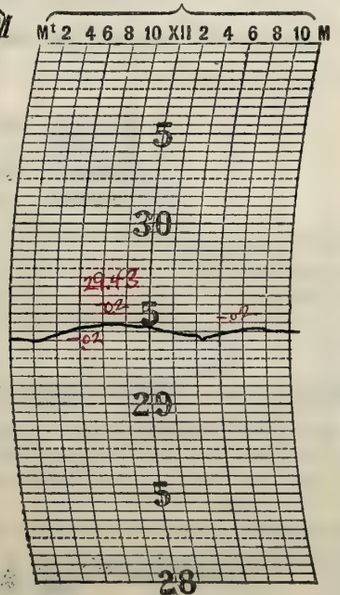
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 52.0
Dew-point, 45 R. humidity, 58 V. pressure, .298
Clouds: Amount, 4; Kind, cu; Direction, NE
Velocity of clouds (miles per hour)

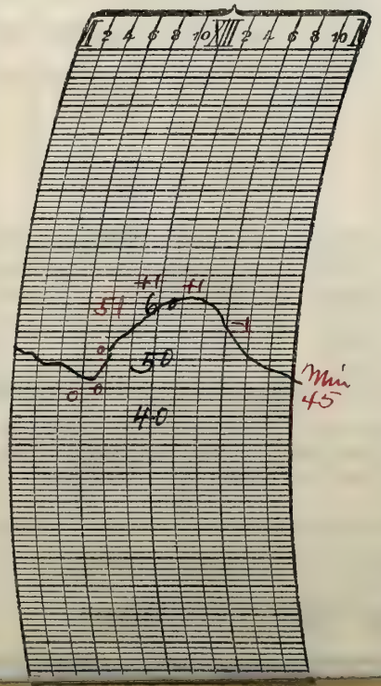
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew in the a.m.
A clear day with some lower clouds during the morning and thin upper clouds at night.
Moonlight was fairly bright.
The day was a little chilly on account of a cold east wind.

Prepared by O.E.R.
Verified by P. McDonough

Verified by _____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 9 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	43	42	41	41	43	45	51	57	61	64	67	68	69	69	66	64	61	58	56	54	52	51
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Pt Cloudy								Clear				
Sunrise: Time, 5:46 Character, Cloudy																					Sunset: Time, 5:10 Character, Cloudy			
Moonrise: 3:53 p Clear																					Moonset: 2:12 a Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.6	0.8	0.7	1.0	0.1	1.0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	10	8	6	8	10	7	9	7	6	4	7	7	7	8	8	7	5	8	8	8	8	6	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	41	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, _____
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 4.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 39
Prevailing wind direction, E Total wind 173
Average hourly velocity, 7.2 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 4:40 am
Reduced barometer, 30.337 a. m. 30.257, p. m.
River gage, 1.9 fall
Relative humidity, 88 7 a. m. 62 7 p. m.

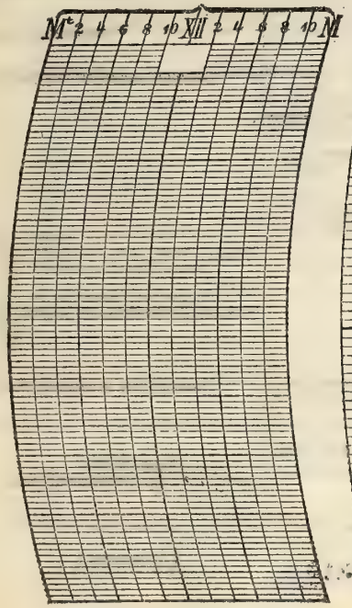
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

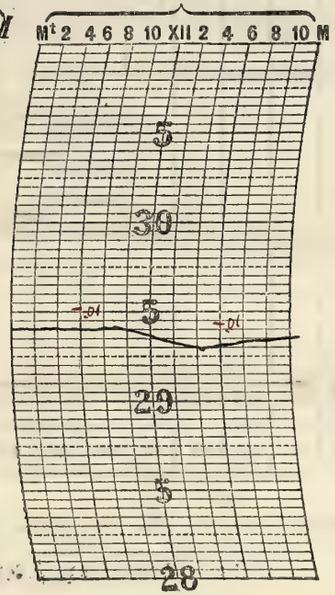
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.5 Wet temperature, 55.0
Dew-point, 48 R. humidity, 58 V. pressure, .334
Clouds: Amount, 7; Kind, Ci St; Direction, SW
Velocity of clouds (miles per hour)

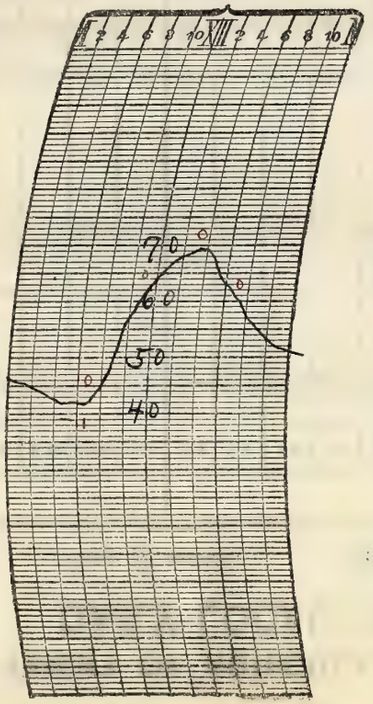
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew in the a.m.
Thin upper clouds in varying amounts prevailed all day and into the night. Bright moonlight.
The temperature rose considerably during the morning and the afternoon was warm and pleasant.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 10 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	49	48	48	50	55	62	69	75	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear				X Hdy	X	
Sunshine (in tenths of hours)						2.2 0	1.0 0	1.0 0	0.1 0.9	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE
Wind movement	4	4	3	3	4	3	2	1	2	2	2	2

Sunrise: Time, 5:47 Character, Clear
Moonrise: 4:25p Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	78	77	75	73	71	69	67	65	62	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0 0	1.5 0						
Wind direction	SE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	3	4	3	4	3	3	2	3	4	2	2	3

Sunset: Time, 5:09 Character, Clear
Moonset: 3:12a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

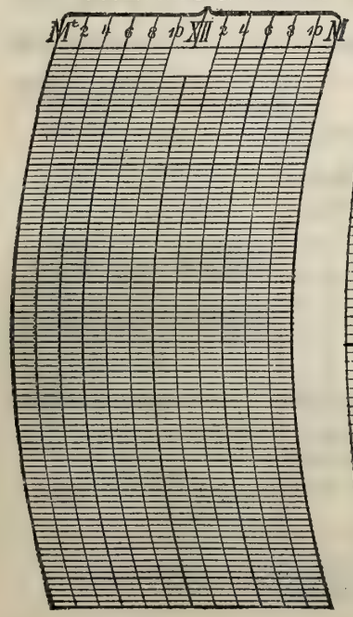
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	48	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 68
Average hourly velocity, 2.8 Extreme velocity, 5
Maximum velocity, 5 Direction, E
Time began, 12:10 a.m.
Reduced barometer, 30.30 7 a. m. 30.27 7 p. m.
River gage, 1.9 feet
Relative humidity, 91 7 a. m. 66 7 p. m.

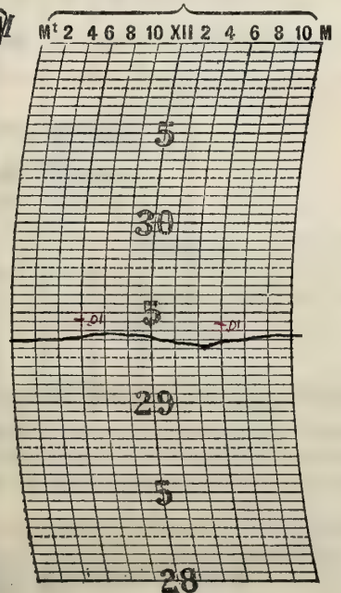
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 63.0
Dew-point, 56 R. humidity, 51 V. pressure, .448
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

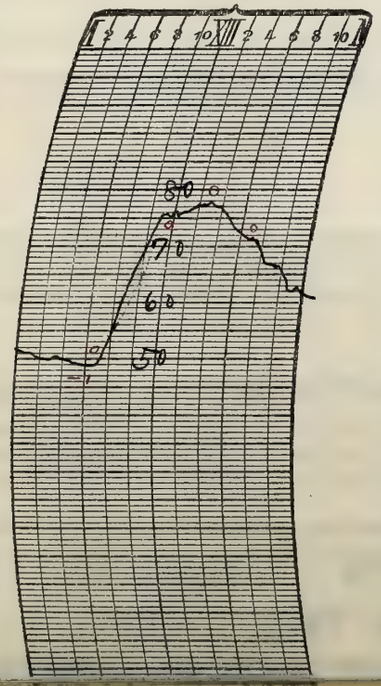
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A few light, upper clouds prevailed during the middle of the day. Bright moonlight. The temperature rose rapidly during the forenoon. Very pleasant fall weather. Light wind.

Prepared by O.E.R.

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 11 1924, 192

Time (local standard) 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	57	55	56	55	57	62	66	76	77	78	80	81	80	79	77	75	72	70	67	65	63	63
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear									→				
Sunrise: Time, Character,	5:48 Cloudy																				Sunset: Time, Character,	5:07 Cloudy		
Moonrise:	4:56p Clear																				Moonset:	4:21a Cloudy		
Sunshine (in tenths of hours)						0	0.5 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	O	SW
Wind movement	3	3	3	3	2	2	3	2	1	2	4	6	6	5	5	5	4	2	2	1	1	1	0	1
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

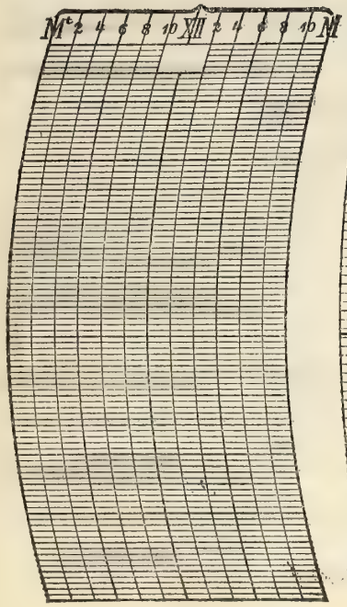
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.6 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 85
Prevailing wind direction, E Total wind 67
Average hourly velocity, 2.8 Extreme velocity, 8
Maximum velocity, 8 Direction, S
Time began, 11:25 am
Reduced barometer, 30.317 a. m. 30.247, p. m.
River gage, 1.9 feet
Relative humidity, 85 7 a. m. 59 7 p. m.

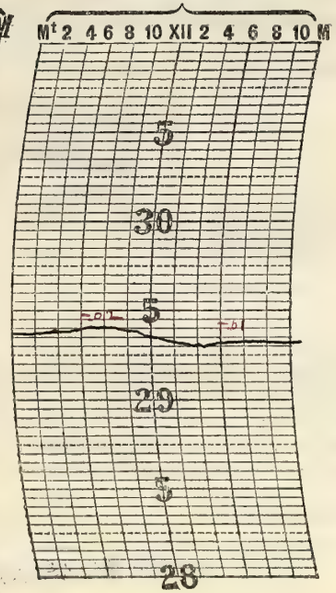
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 62.0
Dew-point, 52 R. humidity, 40 V. pressure, .387
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

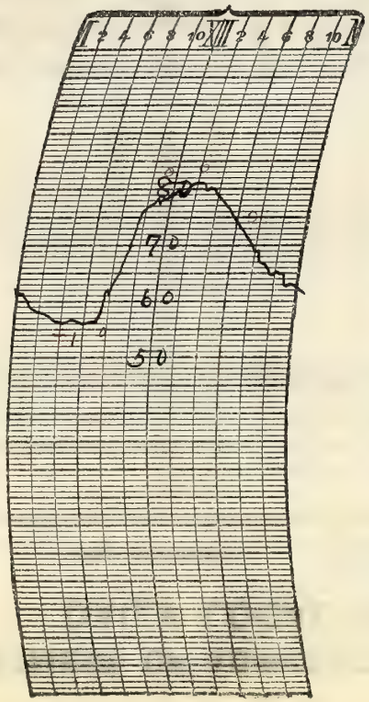
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thin upper clouds prevailed all day. Bright moonlight at night. Moderately warm temperatures with low humidity.

Prepared by E. E. R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 12 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	59	59	59	58	57	56	60	65	70	72	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt cldy					
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	0	0	0	SW	E	E	E	NE	NE
Wind movement	1	1	3	0	0	0	1	4	5	4	3	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	75	74	72	68	67	61	58	57	56	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	1.0	1.0						
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	4	5	4	4	5	7	8	10	8	8	4	5

Sunrise: Time, 5:49 Character, Cloudy
Moonrise: 5:26p Clear

Sunset: Time, 5:06 Character, Clear
Moonset: 5:24a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full Moon 2:21 pm
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.3 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 82
Prevailing wind direction, E Total wind 99
Average hourly velocity, 4.1 Extreme velocity, 11
Maximum velocity, 11 Direction, E
Time began, 8:00 pm
Reduced barometer, 30.267 a. m. 30.327 p. m.
River gage, 1.8 feet
Relative humidity, 94 7 a. m. 52 7 p. m.

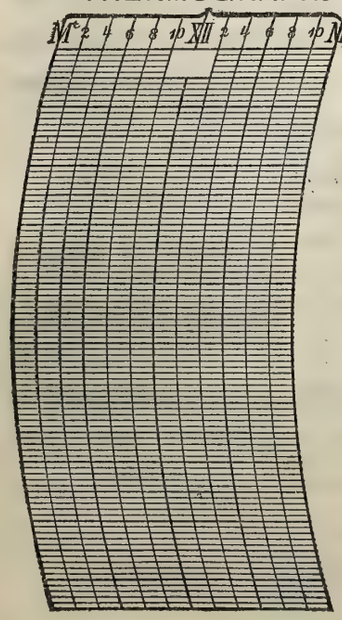
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

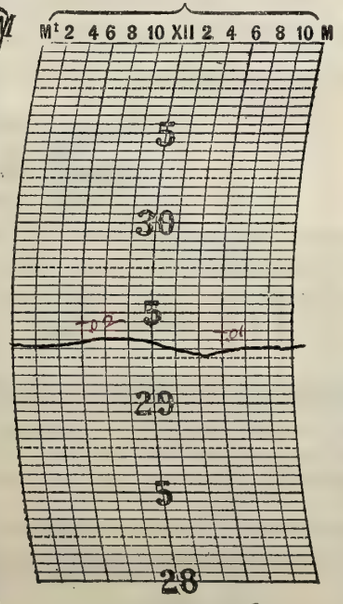
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.0 Wet temperature, 62.0
Dew-point, 54 R. humidity, 51 V. pressure, .417
Clouds: Amount, Few; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

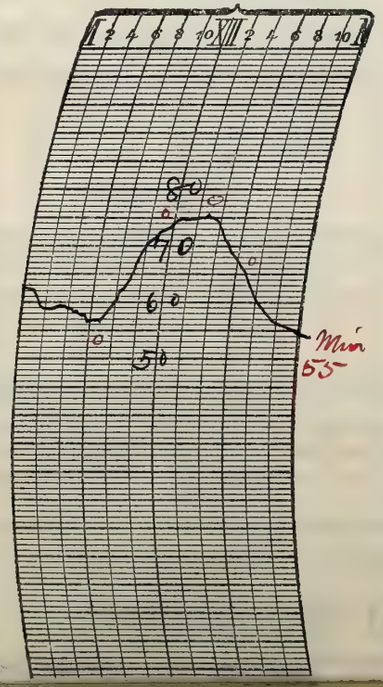
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

There were some lower clouds during the morning but the afternoon was cloudless. Bright moonlight.
Moderate temperatures. A very pleasant afternoon and night.
Heavy dew in the am.

Prepared by O.E.R.
Verified by J. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 13 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	52	51	50	49	49	52	57	64	70	74	76	78	78	76	73	70	69	66	65	63	63	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Foggy				Pt Cdy				Clear									→		
Sunshine (in tenths of hours)						0	0	0.1	0.8	0.8	1.0	1.0	1.0	1.0	1.0	0.3 0.7	1.0 0	0.7 0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	SE	S	S	S	S	SE	SE	SE	SE	SE	SE	S	SW
Wind movement	4	4	4	6	4	4	2	4	3	2	2	3	3	4	5	5	4	5	5	2	3	3	5	4

Sunrise: Time, 5:51; Character, Foggy. Moonrise: 5:56p Clear.

Sunset: Time, 5:04; Character, Clear. Moonset: 6:25a Cloudy.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

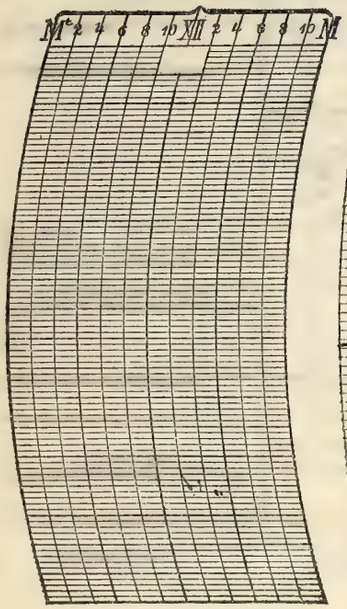
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	49	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.8 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 79
Prevailing wind direction, E Total wind 90
Average hourly velocity, 3.8 Extreme velocity, 6
Maximum velocity, 6 Direction, E
Time began, 5:08 am
Reduced barometer, 30.27 7 a. m. 30.23 7, p. m.
River gage, 1.9 feet
Relative humidity, 100 7 a. m. 57 7 p. m.

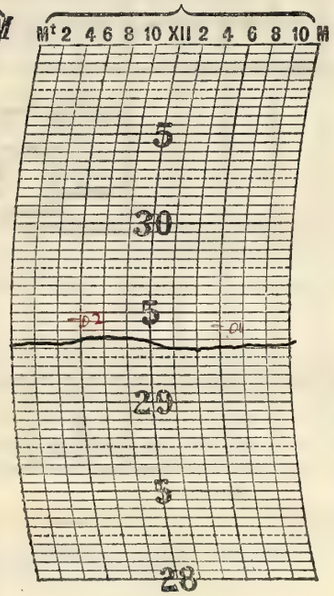
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.3 Wet temperature, 59.8
Dew-point, 51 R. humidity, 48 V. pressure, .373
Clouds: Amount, 1; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

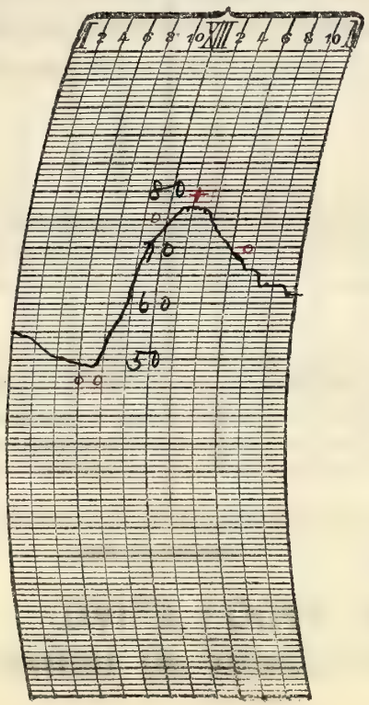
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dense fog from during the night a.m. until 7:15 am. Some clouds prevailed during the morning after the fog lifted but the afternoon was nearly cloudless. A warm pleasant day. Bright moonlight.

Prepared by J.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 14 1924, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	57	57	56	56	55	60	65	69	72	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←					Clear	
Sunshine (in tenths of hours)						1.3 0	1.0 0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	4	3	3	3	3	3	4	4	5	4	5	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	76	75	72	68	65	62	59	57	56	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								→				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N
Wind movement	9	9	10	8	7	6	8	6	5	5	4	5

Sunrise: Time, 5:52 Character, Clear
Moonrise: 6:27p Clear
Sunset: Time, 5:02 Character, Cloudy
Moonset: 7:25a Clear

Maximum velocities (exceeding 29 miles) direction and time

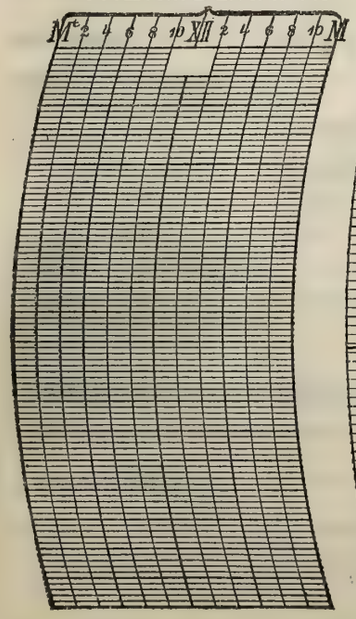
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	55	66	

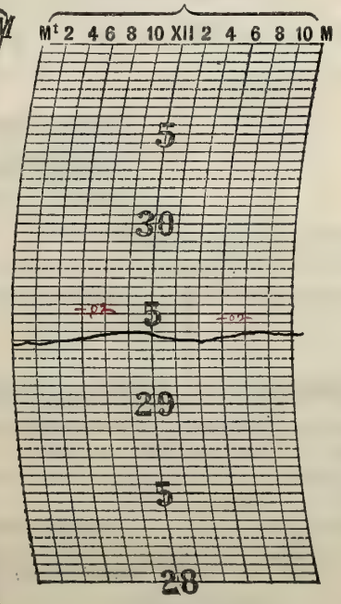
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.4 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 93
Prevailing wind direction, NW Total wind 131
Average hourly velocity, 5.5 Extreme velocity, 11
Maximum velocity, 11 Direction, NW
Time began, 12:14 p.m.
Reduced barometer, 30.297 a. m. 30.297 p. m.
River gage, 1.9 feet
Relative humidity, 79 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 75.0 Wet temperature, 56.0
Dew-point, 40 R. humidity, 28 V. pressure, .247
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

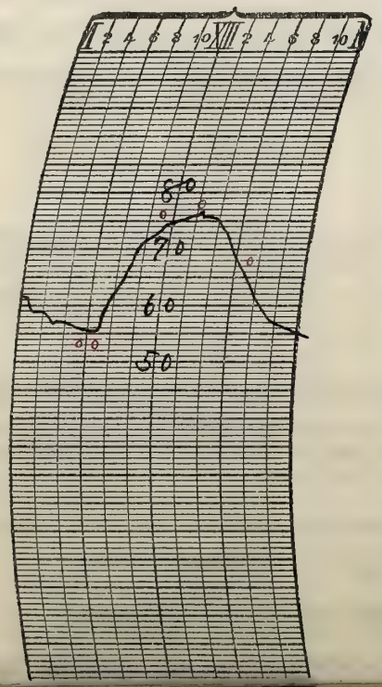
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was clear all day and the weather warm and pleasant. Moonlight from about 8:30 p.m. to midnight.
The humidity was unusually low especially during the middle of the day.

Prepared by O.G.R.
Verified by P. McDonough

FORM NO. 1017—MAY 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 15 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	50	50	49	48	48	51	58	62	66	68	69	70	70	70	68	66	65	63	62	60	57	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy		×		Pt cldy		×				Cloudy		×	Pt cloudy				→
Sunrise: Time, Character	5:53 Cloudy																							
Moonrise:	7:01p Cloudy																							
Sunset: Time, Character																					5:01 Cloudy			
Moonset:																					8:24a Cloudy			
Sunshine (in tenths of hours)						0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.1	0	0						
Wind direction	N	N	N	N	NE	NE	NE	NE	E	E	E	E	NE	NE	NE	NE	E	E	E	E	E	E	NW	NW
Wind movement	7	5	5	6	5	4	5	6	6	4	3	4	6	4	5	4	4	4	2	2	3	2	3	2
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	48	59	

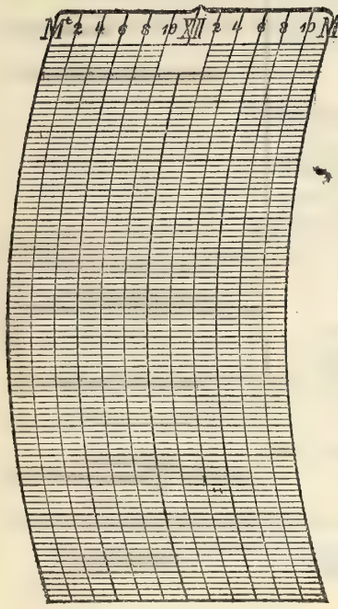
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.2 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 56
Prevailing wind direction, E Total wind 101
Average hourly velocity, 4.2 Extreme velocity, 8
Maximum velocity, 8 Direction, N
Time began, 12:40 am
Reduced barometer, 30.30 7 a. m. 30.16 7, p. m.
River gage, 1.8 feet
Relative humidity, 93 7 a. m. 52 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

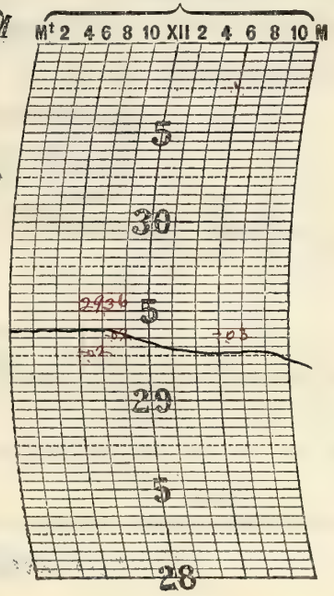
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 56.5
Dew-point, 48 R. humidity, 49 V. pressure, 334
Clouds: Amount, 6; Kind, cist.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.

NOTES.

Moonlight in early morning
The Sky was partly cloudy to cloudy all day. The moon and the position of a few brighter stars faintly desernable at night.
Moderate temperatures

Prepared by D E R
Verified by V. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 16 1924, 192

Time (local standard). 90.° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	57	58	58	59	58	58	60	63	70	72	75
State of weather. Nature of precipitation and time of beginning and ending		RB DN	– –	RE DN								
Amounts of precipitation		T	T	T								
Cloudiness and other conditions					← Cloudy			×			Pt cloudy	
Sunrise: Time, Character	5:54 Cloudy											
Moonrise:	7:37 p Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.1	1.0	0.9	1.0
Wind direction	NW	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	4	7	10	4	2	1	1	1	3	4	5	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	77	78	77	74	70	69	66	63	61	58	57
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy				×			Clear →				
Sunset: Time, Character									4:59 Cloudy			
Moonset:									9:21 a Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0							
Wind direction	SW	SW	SW	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	8	7	7	8	5	4	4	5	5	3	4	5

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

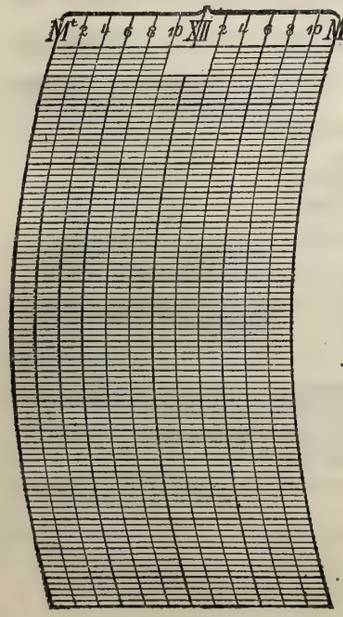
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	57	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.9 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 62
Prevailing wind direction, W Total wind 113
Average hourly velocity, 4.7 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 2:15 am
Reduced barometer, 30.11 7 a. m. 30.08 7 p. m.
River gage, 1.8 feet
Relative humidity, 77 7 a. m. 53 7 p. m.

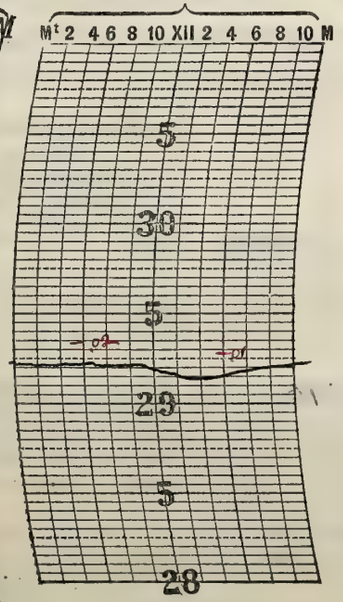
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.2 Wet temperature, 60.4
Dew-point, 51 R. humidity, 42 V. pressure, .373
Clouds: Amount, 6; Kind, acu.; Direction, W
Velocity of clouds (miles per hour)

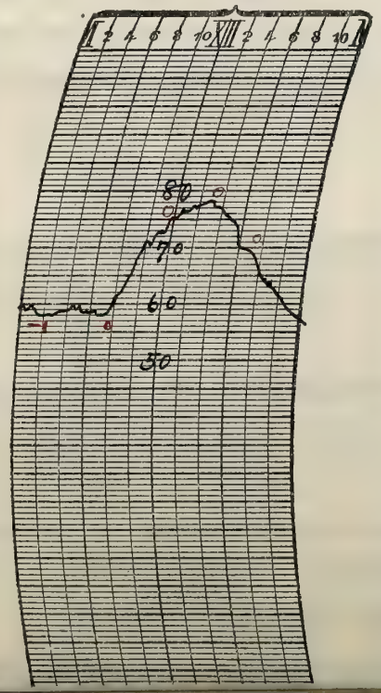
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light shower fell during the night a.m.
The sky was overcast in the early morning but the amount of cloudiness gradually decreased towards evening. Stars visible through rifts in the clouds.
Moderately warm temperatures for the season.

Prepared by O.G.R.
Verified by L. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 17 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	53	53	52	51	53	56	60	62	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunrise: Time, Character,	5:55 Clear											
Moonrise:	8:18p Cloudy											
Sunshine (in tenths of hours)						.08 0	.10 0	0.5	1.0	1.0	1.0	1.0
Wind direction	NW	NW	N	N	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	5	5	8	7	7	7	7	9	7	8	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	68	68	67	66	64	61	59	57	55	54	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								→				
Sunset: Time, Character,									4:58 Clear			
Moonset:									10:16a Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.4	.97 0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	7	6	7	6	4	5	6	5	4	3	2	2

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

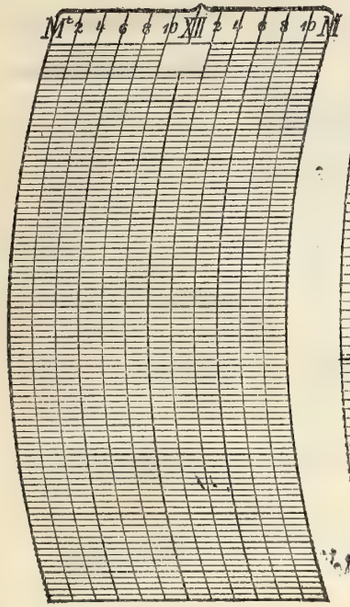
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	51	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.6 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 96
Prevailing wind direction, NE Total wind 136
Average hourly velocity, 5.7 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 8:03a
Reduced barometer, 30.23 7 a. m. 30.24 7 p. m.
River gage, 1.8 fall
Relative humidity, 87 7 a. m. 68 7 p. m.

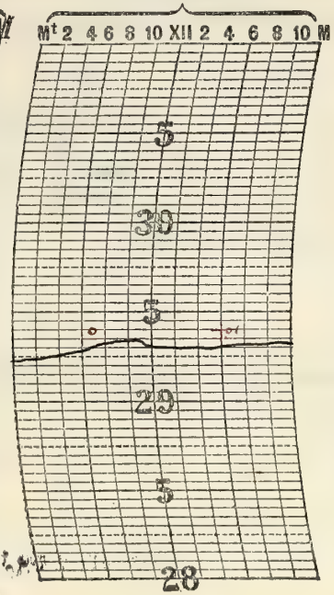
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.3 Wet temperature, 56.3
Dew-point, 50 R. humidity, 61 V. pressure, .360
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

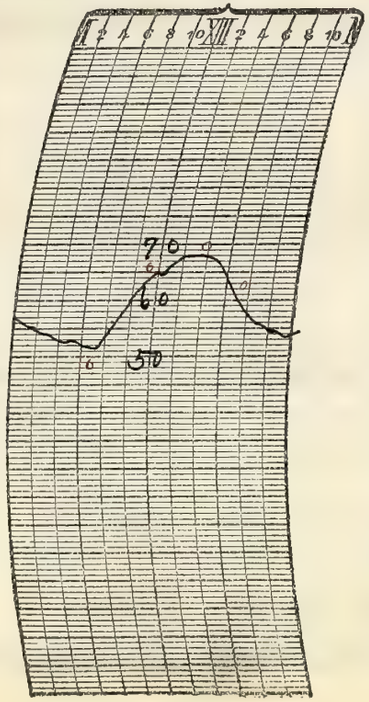
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moonlight in early morning.
The sky was entirely cloudless until about the middle of the afternoon after which time thin upper clouds prevailed.
Stars visible with moonlight late at night.
The temperature was somewhat lower than on the previous date altho it was slightly above the seasonal average.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 18 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	51	50	49	49	46	46	53	60	70	73	77	78	79	79	78	76	74	70	68	66	66	64	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<		Clear					Partly Cloudy >	<				Clear				>			
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0							
Wind direction	E	0	SE	0	SE	S	S	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	0	1	0	4	5	6	6	6	6	8	9	9	8	8	8	5	7	7	10	7	5	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:56 Character, Cloudy
Moonrise: 9:03p Clear
Sunset: Time, 4:56 Character, Cloudy
Moonset: 11:08a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

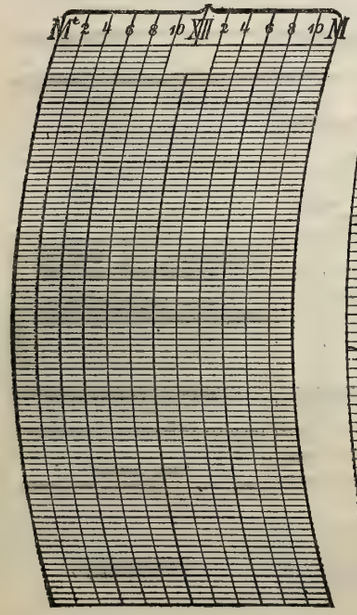
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	45	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.9 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 72
Prevailing wind direction, SW Total wind 136
Average hourly velocity, 5.7 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 10:25 a m
Reduced barometer, 30.26 7 a. m. 30.18 7 p. m.
River gage, 1.8 feet
Relative humidity, 93 7 a. m. 56 7 p. m.

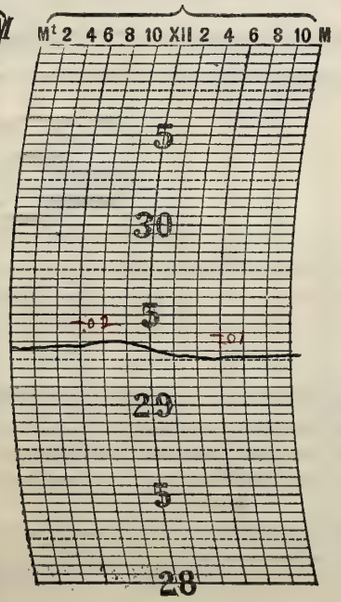
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.5 Wet temperature, 60.5
Dew-point, 50 R. humidity, 42 V. pressure, .360
Clouds: Amount, 5; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

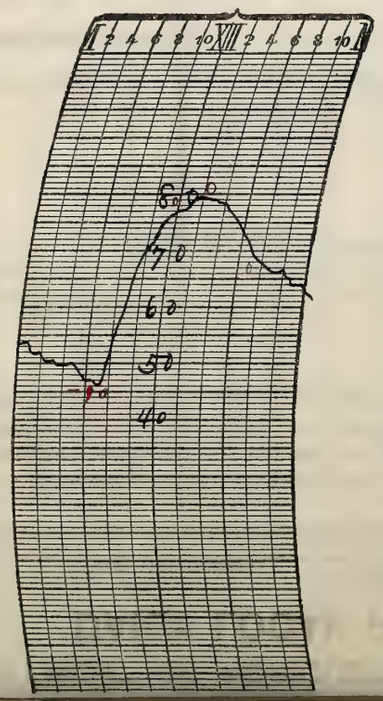
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew in the a.m.
Some Cloudiness during the day with alto-Stratus from the west prevailing, the day, as a whole, however, was generally clear and quite pleasant.

Prepared by O.E.P.
Verified by T. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 19 1924, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	60	59	59	57	60	65	70	73	76	79	79	79	78	74	71	68	68	64	61	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Cloudy	X	Pt Cldy				X Cldy	X			Pt Cldy		X		Clear		→	
Sunshine (in tenths of hours)						0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0							
Wind direction	SW	SW	SW	SW	N	W	W	SW	SW	SW	SW	W	W	NW	NW	W	W	SW	SW	NW	NW	NE	N	N
Wind movement	6	7	6	3	3	4	4	7	5	4	7	9	12	11	7	9	6	7	7	6	7	6	4	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:57 Character, Cloudy
Moonrise: 9:52p Clear

Sunset: Time, 4:55 Character, Cloudy
Moonset: 11:57a Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

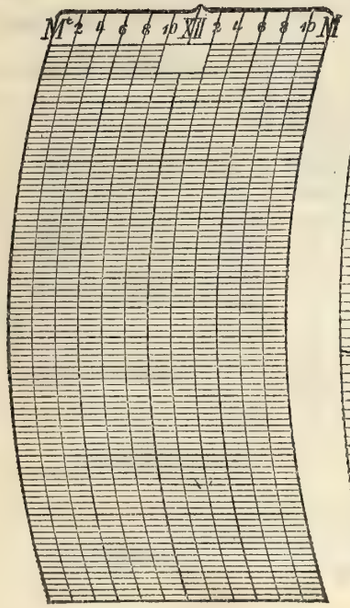
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	57	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.5 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 68
Prevailing wind direction, SW Total wind 153
Average hourly velocity, 6.4 Extreme velocity, 16
Maximum velocity, 14 Direction, W
Time began, 12:16 P.M.
Reduced barometer, 30.18 7 a. m. 30.02 7, p. m.
River gage, 1.8 feet
Relative humidity, 83 7 a. m. 59 7 p. m.

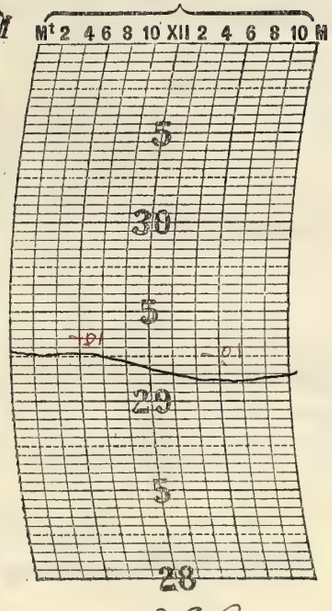
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 65.0
Dew-point, 60 R. humidity, 59 V. pressure, .517
Clouds: Amount, 6; Kind, Ac Cu; Direction, NW
Velocity of clouds (miles per hour)

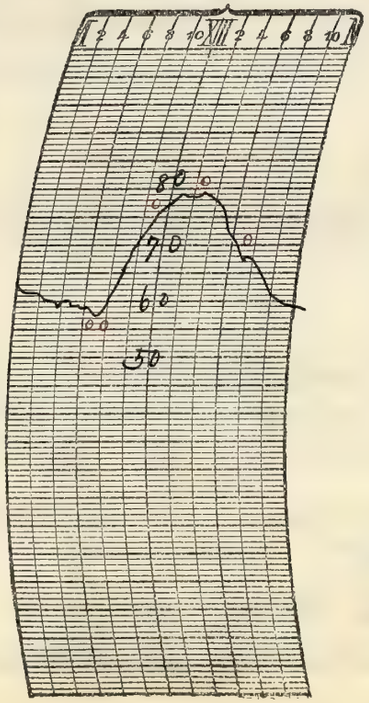
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy to partly cloudy during the day with clearing after nightfall.
A warm, pleasant day.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 20 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	54	51	50	48	48	50	53	55	52	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						<	clear			Pt cldy		
Sunshine (in tenths of hours)						0.3 0	1.0 0	1.0	1.0	1.0	1.0	0.9
Wind direction	N	N	N	N	N	N	N	N	N	NE	NE	N
Wind movement	4	5	7	7	8	8	6	8	7	11	14	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	53	54	53	52	49	48	46	44	43	42	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy	X	Pt	cldy	X		clear			>		
Sunshine (in tenths of hours)	0	0	0.4	0.1	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	13	13	10	11	6	7	10	11	9	8	4	3

Sunrise: Time, 5:58 Character, Clear
Moonrise: 10:45p Clear
Sunset: Time, 4:53 Character, Cloudy
Moonset: 12:41p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

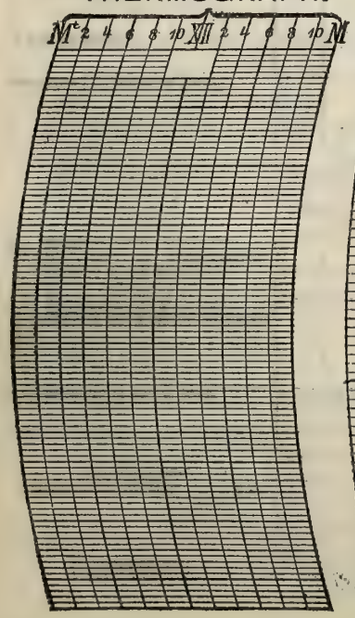
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	40	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, inches.
Character of day, Pt Cloudy Moon phase, Last Quarter 4:54 p.m.
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.4 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 59
Prevailing wind direction, N Total wind 202
Average hourly velocity, 8.4 Extreme velocity, 18
Maximum velocity, 17 Direction, N
Time began, 10:28 a.m
Reduced barometer, 30.11 7 a. m. 30.177, p. m.
River gage, 2.0 feet
Relative humidity, 80 7 a. m. 67 7 p. m.

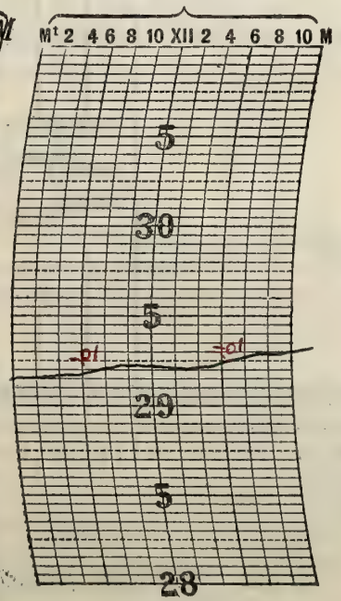
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.5 Wet temperature, 47.7
Dew-point, 44 R. humidity, 76 V. pressure, .287
Clouds: Amount, 6; Kind, St cu; Direction, N
Velocity of clouds (miles per hour)

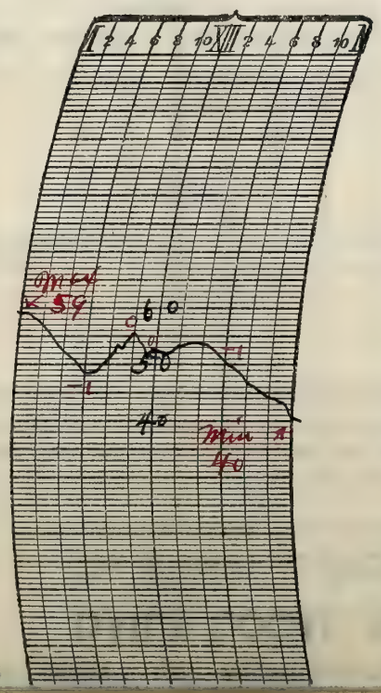
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The cloudiness increased toward the middle of the day and then decreased. The sky was clear at night with stars bright.

The temperature was considerably lower than it had been for some time.

A 22° Solar Halo was observed about 3:00 p.m

Prepared by O.E.R.

Verified by P. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 21 1924, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	37	36	35	35	36	39	42	43	44	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunshine (in tenths of hours)						.02 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	8	9	7	8	8	7	9	11	14	12	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	48	47	46	44	43	42	41	40	38	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										→		
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	0.7 0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	9	8	10	10	6	6	4	4	3	5	4

Sunrise: Time, 5:59 Character, Clear
Moonrise: 11:41p Clear
Sunset: Time, 4:52 Character, Clear
Moonset: 1:23p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

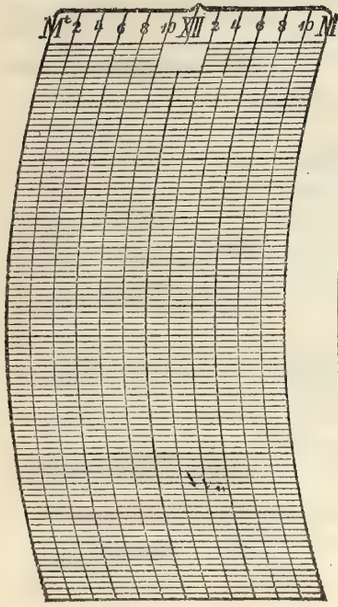
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	34	42	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.9 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 190
Average hourly velocity, 7.9 Extreme velocity, 16
Maximum velocity, 15 Direction, NE
Time began, 8:23 am
Reduced barometer, 30.31 7 a. m. 30.32 7, p. m.
River gage, 1.9 feet
Relative humidity, 73 7 a. m. 53 7 p. m.

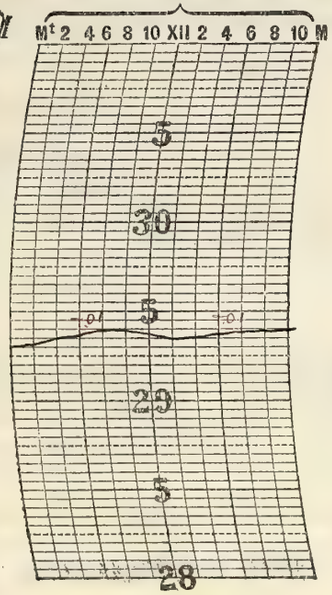
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.5 Wet temperature, 38.0
Dew-point, 30 R. humidity, 54 V. pressure, .164
Clouds: Amount, 3; Kind, Stu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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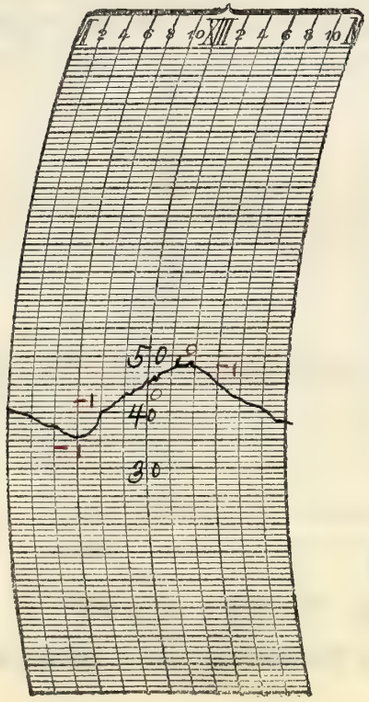


NOTES.

Heavy frost occurred in the early morning.
The sky was clear except for a small amount of lower clouds during the middle of the day. Stars bright.
Rather cool all day.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 22 1924, 192

Time (local standard). 90.° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	33	32	31	32	38	43	45	47	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							1.00 0	0.6 0.4	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	4	4	4	4	4	4	4	5	7	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	51	51	51	49	45	44	42	40	39	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.9	8.5 0							
Wind direction	NE	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	10	10	8	7	4	4	4	4	5	4	5

Clear

Sunrise: Time, 6:00 Character, Clear
Moonrise: — —

Sunset: Time, 4:51 Character, Clear
Moonset: 2:00 p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

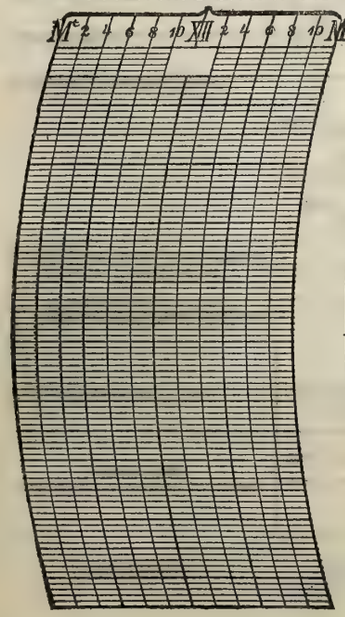
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	31	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.8 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 133
Average hourly velocity, 5.5 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 2:31 p.
Reduced barometer, 30.427 a. m. 30.467 p. m.
River gage, 1.8 feet
Relative humidity, 79 7 a. m. 50 7 p. m.

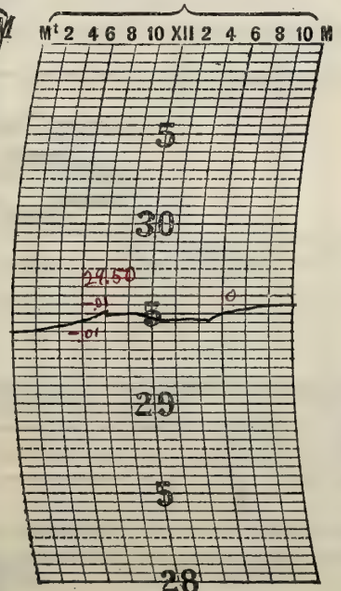
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.8 Wet temperature, 40.0
Dew-point, 30 R. humidity, 49 V. pressure, .164
Clouds: Amount, 3; Kind, Stcu; Direction, N
Velocity of clouds (miles per hour)

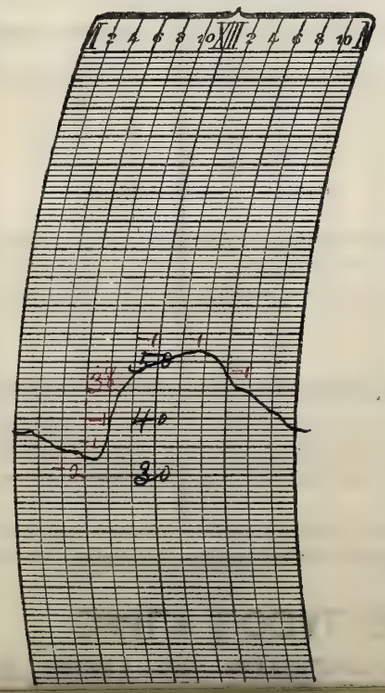
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Killing frost in a.m.
A clear day with only a few clouds about noon.
Cool, pleasant weather.
The word "Cease" was telegraphed in the a.m.

Prepared by O.E.R.

Verified by P. McDonough

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 23 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	33	33	32	34	35	40	47	52	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunrise: Time, Character, 6:02 Clear												
Moonrise: 12:41a Clear												
Sunshine (in tenths of hours)							.97 0	1.0 0	0.2 0.8	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	N	N	N	NW	N
Wind movement	4	4	4	5	4	3	4	3	4	7	7	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	57	58	57	56	54	50	48	47	46	46	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							→					
Sunset: Time, Character, 4:49 Clear												
Moonset: 2:35p Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3 0.7	.82 0							
Wind direction	N	N	NW	N	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	7	7	6	6	3	5	5	5	5	4	5

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

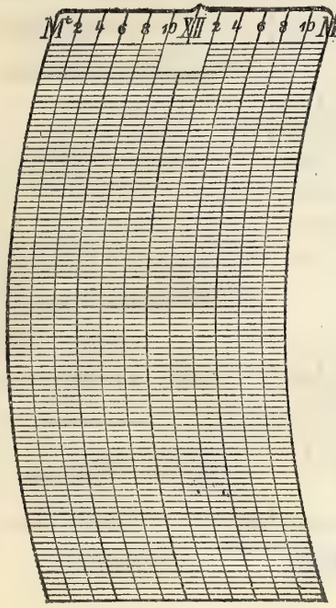
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	32	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.8 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 123
Average hourly velocity, 5.1 Extreme velocity, 10
Maximum velocity, 10 Direction, NW
Time began, 2:58 p.m.
Reduced barometer, 30.54 7 a. m. 30.51 7 p. m.
River gage, 1.8 feet
Relative humidity, 89 7 a. m. 53 7 p. m.

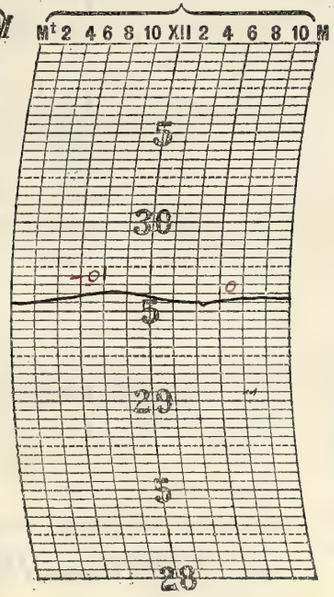
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.0 Wet temperature, 42.0
Dew-point, 28 R. humidity, 37 V. pressure, 150
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

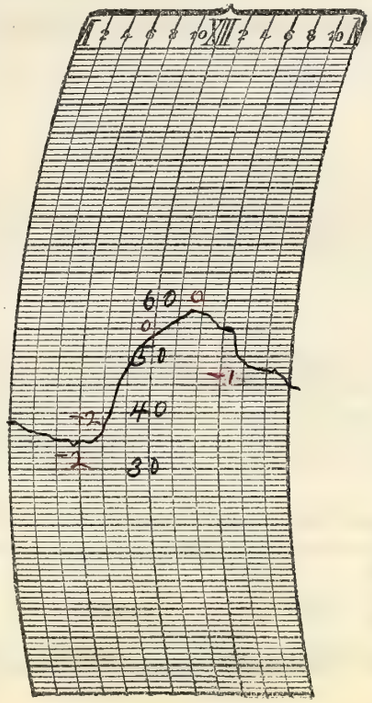
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was cloudless all day. Stars bright.
It was cool in the morning but became warm and pleasant in the afternoon.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 24 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	42	39	39	36	39	42	46	55	58	65	63	64	64	64	62	60	58	56	53	52	49	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)							0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	O	NW	NW
Wind movement	6	5	4	4	5	5	5	5	4	5	5	6	7	5	6	4	4	3	1	1	1	0	2	1

Sunrise: Time, 6:03 Character, Clear
Moonrise: 1:43a Clear
Sunset: Time, 4:48 Character, Clear
Moonset: 3:09p Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	36	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.8 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 94
Average hourly velocity, 3.9 Extreme velocity, 8
Maximum velocity, 8 Direction, NW
Time began, 12:50 pm
Reduced barometer, 30.59 7 a. m. 30.54 7 p. m.
River gage, 1.8 feet
Relative humidity, 70 7 a. m. 42 7 p. m.

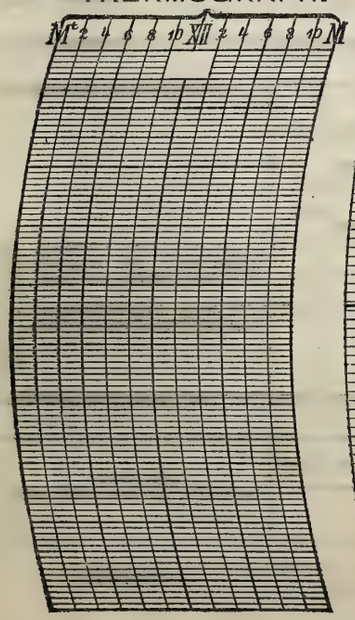
Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

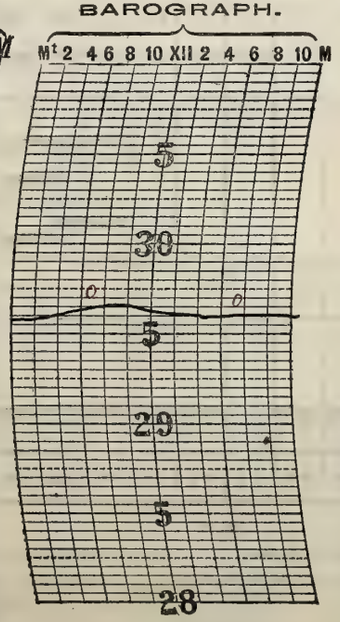
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.5 Wet temperature, 48.0
Dew-point, 34 R. humidity, 38 V. pressure, .195
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

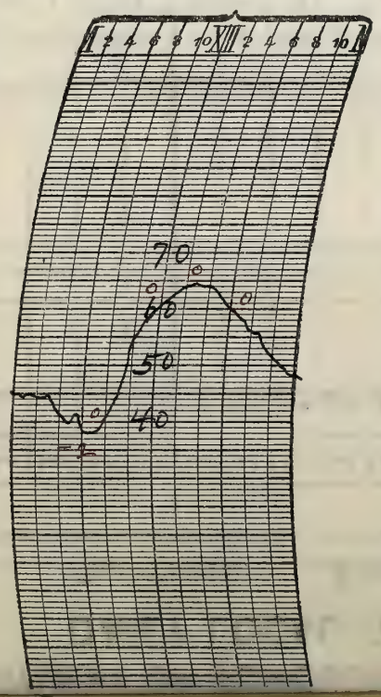
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

*Partly by eye observation.

The sky was cloudless all day and the weather warm and pleasant.

Prepared by O.E.R.
Verified by P. McDonough

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 25 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	44	42	41	41	40	42	48	55	61	64	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear				← Smoke			
Sunshine (in tenths of hours)							.93 0	1.0 0	∅ 1.0	1.0	1.0	1.0
Wind direction	0	NW	0	0	0	0	NW	NW	NW	NW	SW	W
Wind movement	0	1	0	0	0	0	1	3	4*	3*	6	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	69	68	66	63	60	58	55	54	53	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Smoke →						
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6 0.4	.77 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	5	5	3	1	2	1	3	3	3	2

Sunrise: Time, 6:04 Character, Clear
Moonrise: 2:49 a Clear

Sunset: Time, 4:46 Character, Clear
Moonset: 3:41 p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

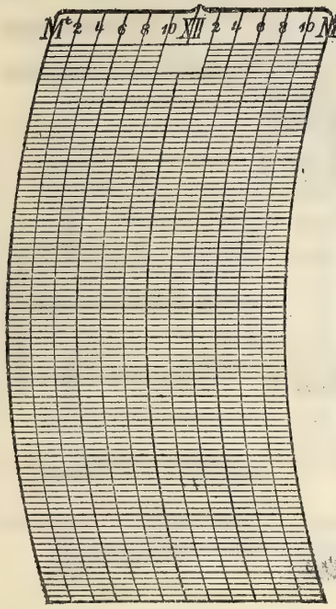
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	40	54	

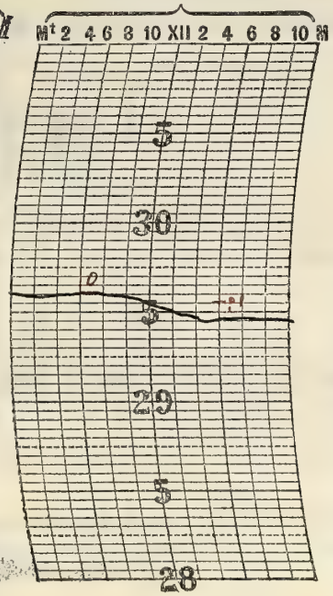
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.7 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 60
Average hourly velocity, 2.5 Extreme velocity, 7
Maximum velocity, 7 Direction, SW
Time began, 10:20 am
Reduced barometer, 30.55 7 a. m. 30.39 7 p. m.
River gage, 1.6 feet
Relative humidity, 85 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 66.7 Wet temperature, 51.0
Dew-point, 35 R. humidity, 31 V. pressure, 203
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

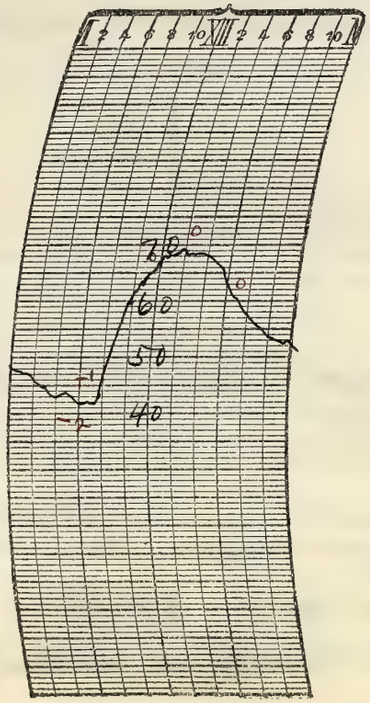
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

° Partly by eye observation
* Interpolated
Warm and clear weather. Some light smoke settled over the streets between 8 am and 9:30 am. The smoke did not extend upward to the house tops. There was smoke again in the evening and early night.

Prepared by O.E.P.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 26 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	46	45	45	43	44	44	48	51	60	65	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Light smoke →		Dense smoke →			
Sunshine (in tenths of hours)							.92 0	1.0 0	.04 0.6	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	0	SW	0	SW	W	W	W
Wind movement	1	1	1	1	1	0	1	0	2	1	2	2

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	71	71	69	66	65	62	58	55	55	54	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3 0.7	.75 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	0	SW	W	0	0
Wind movement	5	5	5	4	5	4	1	0	2	3	0	0

Clear

Sunrise: Time, 6:05 Character, Clear
Moonrise: 3:56 a Clear 31

Sunset: Time, 4:45 Character, Clear
Moonset: 4:14 p Clear

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

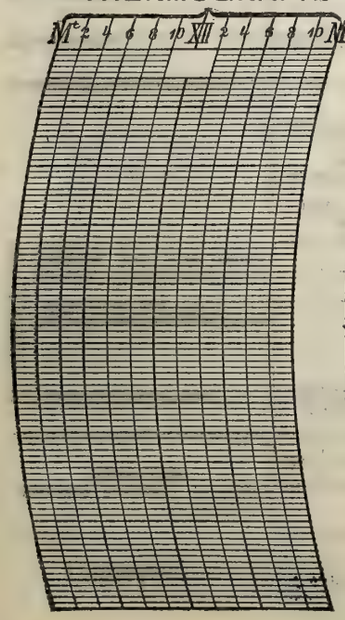
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	42	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.7 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 47
Average hourly velocity, 2.0 Extreme velocity, 6
Maximum velocity, 6 Direction, SW
Time began, 12:05 p. m.
Reduced barometer, 30.35 7 a. m. 30.21 7 p. m.
River gage, 1.4 feet
Relative humidity, 83 7 a. m. 46 7 p. m.

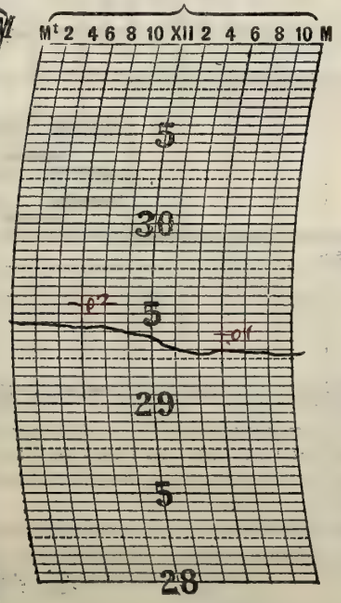
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 53.3
Dew-point, 40 R. humidity, 36 V. pressure, 247
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

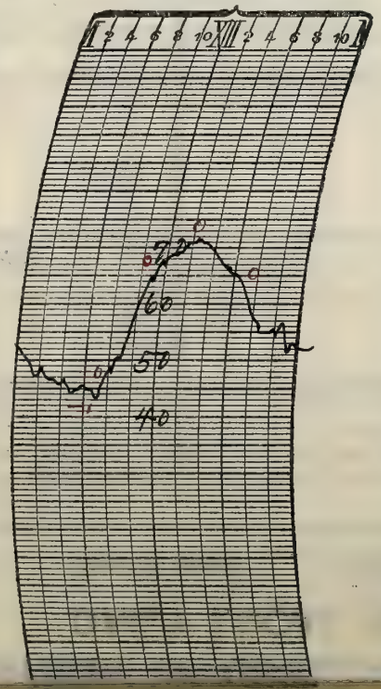
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light smoke began 6:30 am ended 8:00 am
Dense smoke began 8:00 am ended 10:30 am
The air was clear above 150 feet from the surface. Weather fine; moderate temperatures and light winds.

Prepared by O.E.R.
Verified by P. McDonough

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 27 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	49	48	47	45	46	47	49	51	55	57	62	65	66	66	65	63	62	60	59	55	54	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←				Lt Smoke		Cloudy							←	Lt Smoke			→	
Sunrise: Time, 6:06 Character, Cloudy																								
Moonrise: 5:06a Cloudy																								
Sunset: Time, 4:44 Character, Cloudy																								
Moonset: 4:49p Cloudy																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	O	W	O	O	W	W	W	W	O	W	N	W	NW	N	N	N	N	N	O	N	N	N	N	N
Wind movement	0	1	0	0	1	1	1	1	0	1	1	3	3	3	4	4	2	1	0	1	2	3	4	1
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

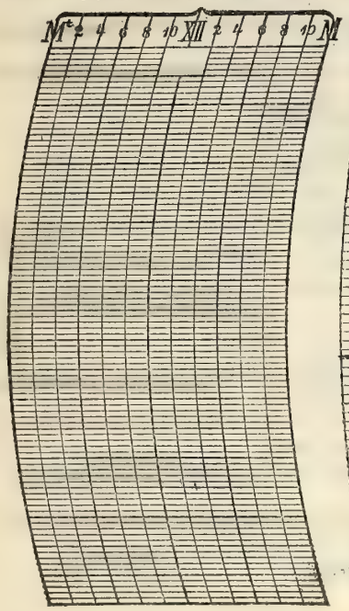
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind 38
Average hourly velocity, 1.6 Extreme velocity, 5
Maximum velocity, 5 Direction, N
Time began, 1:50 p.m.
Reduced barometer, 30.17 7 a. m. 30.10 7 p. m.
River gage, 1.4 feet
Relative humidity, 69 7 a. m. 42 7 p. m.

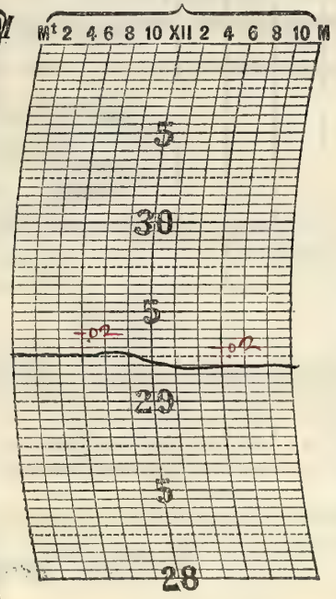
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.6 Wet temperature, 51.1
Dew-point, 42 R. humidity, 48 V. pressure, .266
Clouds: Amount, 8 2.57; Kind, ~~Lt Smoke~~ Direction, SW N
Velocity of clouds (miles per hour)

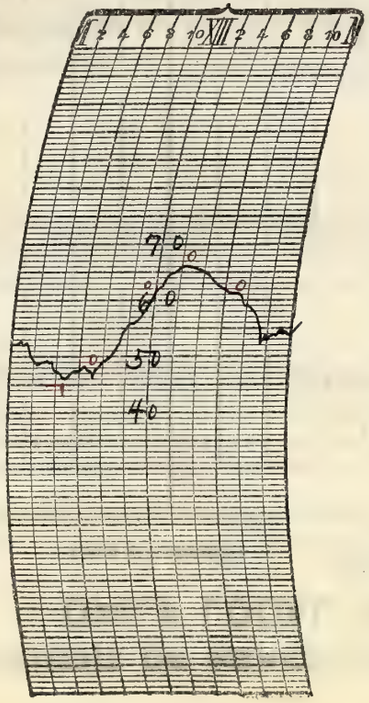
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Intermediate clouds prevailed all day and there was light smoke from early in the morning until about 12:30 p.m. and again in the evening.
Moderate temperatures and light winds.

Prepared by O.E.K.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 28 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	49	49	46	47	50	55	60	63	65	67	67	68	67	65	63	58	57	56	55	51	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← light smoke →							clear					← light smoke →						
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0							
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	O	N	N	N	N	W
Wind movement	3	4	4	2	4	3	2	2	3	3	4	5	5	5	4	2	2	1	0	2	3	2	3	3

Sunrise: Time, 6:07 Character, Cloudy
Moonrise: 6:17 a Cloudy

Sunset: Time, 4:42 Character, Cloudy
Moonset: 5:26 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

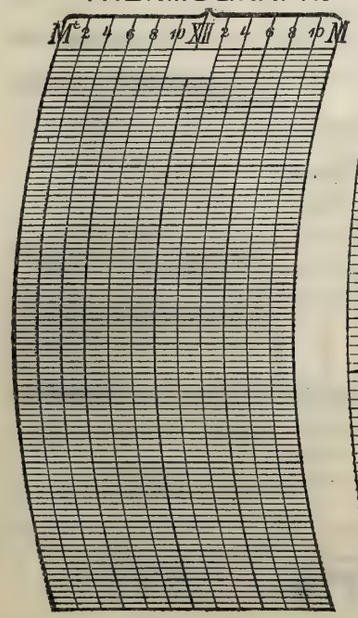
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	46	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New moon 12:57 a.m.
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 7.8 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 74
Prevailing wind direction, N Total wind 71
Average hourly velocity, 3.0 Extreme velocity, 7
Maximum velocity, 7 Direction, NW
Time began, 1:43 p.m.
Reduced barometer, 30.16 7 a. m. 30.09 7, p. m.
River gage, 1.5 feet
Relative humidity, 66 7 a. m. 38 7 p. m.

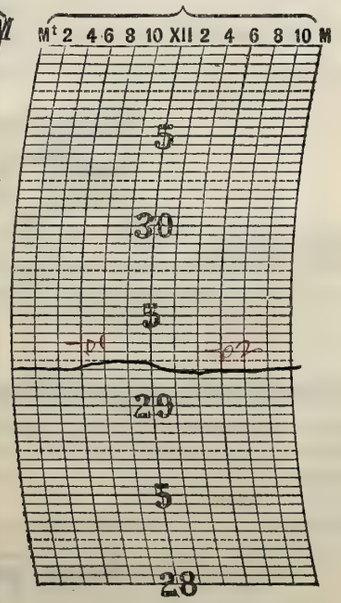
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.2 Wet temperature, 48.4
Dew-point, 29 R. humidity, 26 V. pressure, 157
Clouds: Amount, 1; Kind, cst; Direction, W
Velocity of clouds (miles per hour)

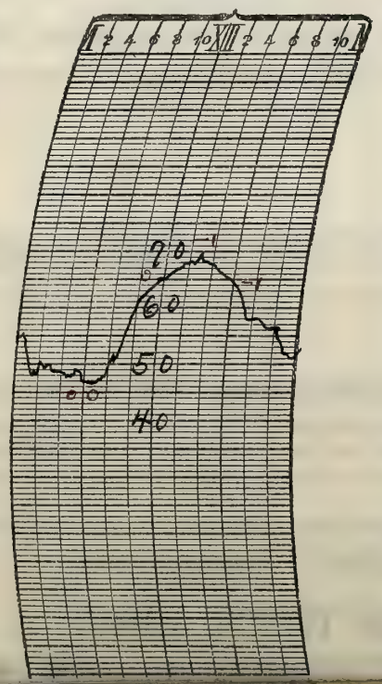
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was mostly clear but there was light smoke from during the night a.m. until 10:15 a.m. and again during the evening.

Moderate temperatures and light winds. The amount of moisture in the air was very small.

Prepared by O.G.R.

Verified by P. McDonough.

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 29 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	49	47	48	47	42	48	57	64	68	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← 47 Smoke						Clear	
Sunshine (in tenths of hours)							.85 0	1.0 0	0.9 0.1	1.0	1.0	1.0
Wind direction	W	W	W	W	W	SW	SW	SW	S	SW	S	S
Wind movement	4	4	3	3	3	3	1	2	5	6	8	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	72	71	70	66	62	61	60	59	58	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunshine (in tenths of hours)	1.0	1.0	0.1 0.9	0.5 0	0							
Wind direction	SW	S	S	S	S	S	SE	SE	S	S	S	S
Wind movement	11	8	9	7	3	5	5	7	6	6	6	8

Sunrise: Time, 6:09 Character, Clear
Moonrise: 7:30 a Clear
Sunset: Time, 4:41 Character, Cloudy
Moonset: 6:09 p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

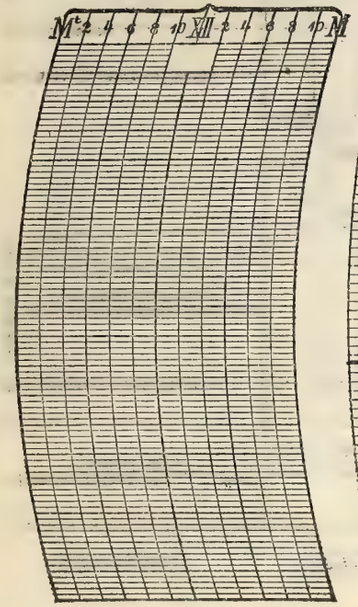
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	42	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 9.4 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 90
Prevailing wind direction, S Total wind 133
Average hourly velocity, 5.5 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 1:42 p
Reduced barometer, 30.16 7 a. m. 30.10 7 p. m.
River gage, 1.5 feet
Relative humidity, 77 7 a. m. 40 7 p. m.

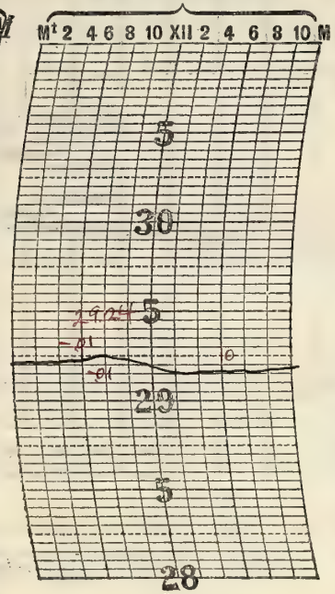
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.0 Wet temperature, 52.0
Dew-point, 35 R. humidity, 29 V. pressure, 203
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

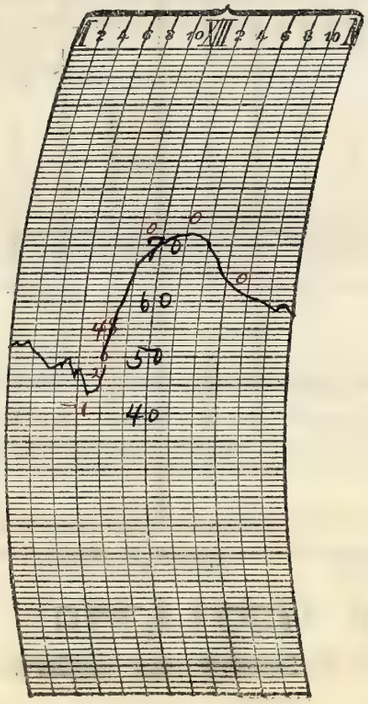
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The light smoke continued from last night ended at 9:30 a m.

Very pleasant weather with temperatures considerably above the normal.

Prepared by O.E.R.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 30 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	56	56	57	58	58	58	59	61	67	70	74	77	77	76	75	72	70	68	66	65	63	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cldy			×	Lt Haze		Pt cloudy				Lt Haze		×		Clear					→
Sunrise: Time, Character	6:10 Cloudy																							
Moonrise	8:43 a Cloudy																							
Sunset: Time, Character																					4:40 Clear			
Moonset																					6:57 p Clear			
Sunshine (in tenths of hours)							0	0	0	0.6	1.0	0.9	1.0	1.0	0.3	0.6 0	0.7 0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	8	9	11	12	12	11	11	11	11	13	13	12	14	14	13	11	11	10	11	12	12	13	14	13
Maximum velocities (exceeding 29 miles) direction and time																								
Excessive precipitation, accumulated amounts																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

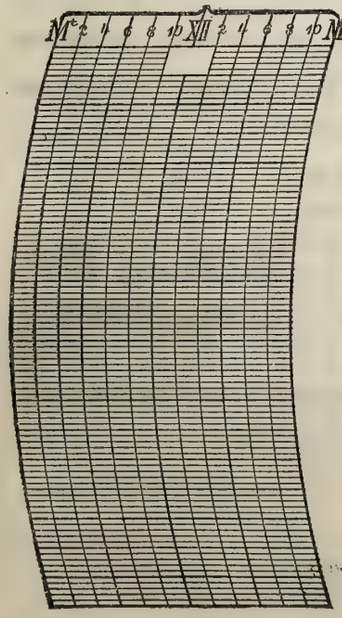
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.1 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 58
Prevailing wind direction, S Total wind 282
Average hourly velocity, 11.8 Extreme velocity, 18
Maximum velocity, 16 Direction, S
Time began, 11:09 a m
Reduced barometer, 30.13 7 a. m. 30.08 7 p. m.
River gage, 1.5 feet
Relative humidity, 52 7 a. m. 57 7 p. m.

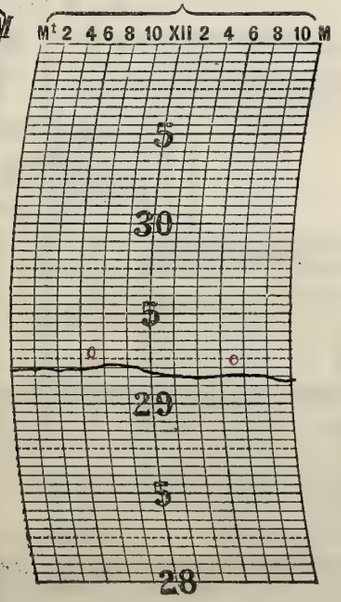
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.0 Wet temperature, 59.0
Dew-point, 50 R. humidity, 46 V. pressure, .360
Clouds: Amount, 5/4; Kind, a St Lt Haze Direction, W
Velocity of clouds (miles per hour)

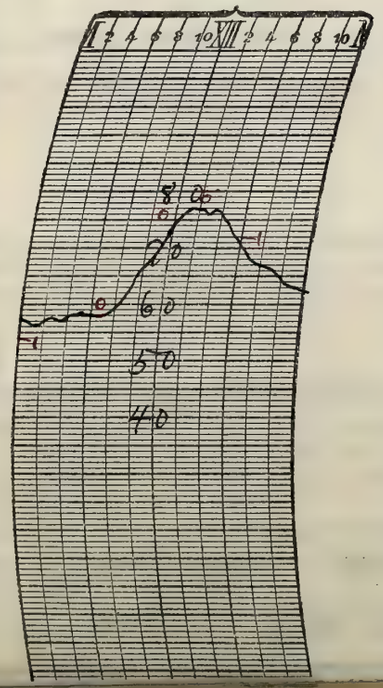
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was nearly overcast in the morning but the cloudiness gradually decreased until it became clear in the late afternoon and evening. A light haze continued all day.

The maximum temperature, 77 degrees, is the highest recorded on this date, Oct 30, since the station was established.

The south wind continued strong into the night.

Prepared by O.E.R.

Verified by T. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 31 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	62	62	62	64	62	60	56	53	52	56	60	62	63	64	63	61	58	56	54	52	51	50	48
State of weather: Nature of precipitation and time of beginning and ending								RB 7:25	---	RE 9:40														
Amounts of precipitation								.01	T	.01														
Cloudiness and other conditions					←		Cloudy			X	Pt Cldy	X				Clear					→			

Sunrise: Time, 6:11 Character, Cloudy
Moonrise: 9:51 a Cloudy
Sunset: Time, 4:38 Character, Clear
Moonset: 7:45 p Clear

Sunshine (in tenths of hours)							0	0	0	0	0.3	1.0	1.0	1.0	1.0	1.0	63 0							
Wind direction	S	S	S	SW	SW	W	SW	SW	SW	SW	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	11	13	16	15	21	18	17	20	18	18	16	16	16	15	14	13	7	7	8	10	9	9	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

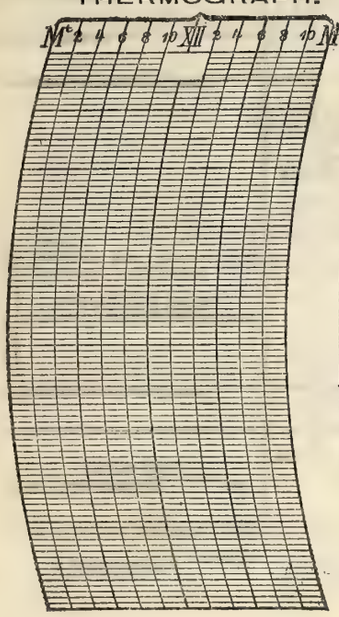
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	48	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 5.9 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 57
Prevailing wind direction, SW Total wind 326
Average hourly velocity, 13.6 Extreme velocity, 26
Maximum velocity, 25 Direction, SW
Time began, 4:18 a m.
Reduced barometer, 30.10 7 a. m. 30.31 7 p. m.
River gage, 1.5 feet
Relative humidity, 56 7 a. m. 49 7 p. m.

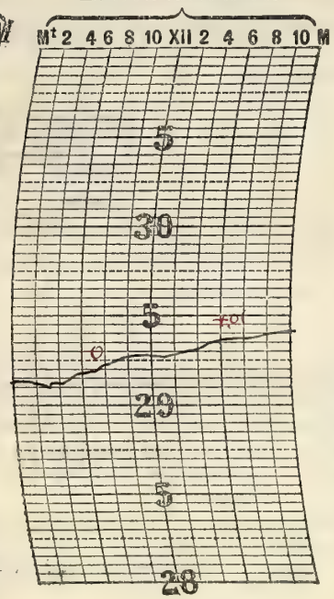
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 50.0
Dew-point, 41 R. humidity, 49 V. pressure, .256
Clouds: Amount, 1; Kind, St Cu; Direction, W
Velocity of clouds (miles per hour)

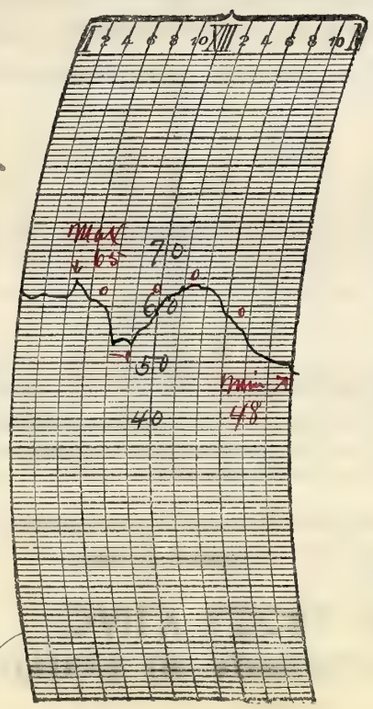
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was cloudy in the morning and a light shower fell during the forenoon. The sky cleared rapidly between 10:am and 11:a.m. and it was cloudless during the late afternoon and evening.

The temperature was somewhat lower than on the previous date but still above the normal.

Stars brilliant and crescent of new moon visible.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 1 1924, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	46	46	45	46	46	52	60	65	67	68	69	70	70	69	66	63	60	59	59	58	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear										→			
Sunshine (in tenths of hours)							.80 0	.07 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.02 0.8	.62 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	11	10	11	10	10	12	12	13	13	20	24	23	26	27	24	23	16	14	15	14	15	15	16	16
Maximum velocities (exceeding 29 miles) direction and time											31 SW 10:54		31 SW 12:32	32 SW 1:16										

Sunrise: Time, 6:12 Character, Clear
Moonrise: 10:54a Clear
Sunset: Time, 4:37 Character, Clear
Moonset: 8:50p Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	45	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.4 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 390
Average hourly velocity, 16.2 Extreme velocity, 34
Maximum velocity, 32 Direction, SW
Time began, 1:16 p.m.
Reduced barometer, 30.35 7 a. m. 30.20 7 p. m.
River gage, 1.6 feet
Relative humidity, 63 7 a. m. 41 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

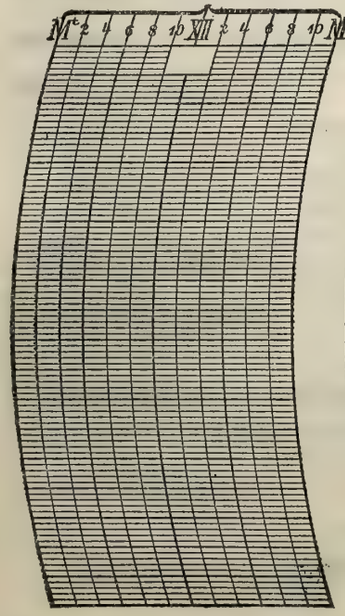
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

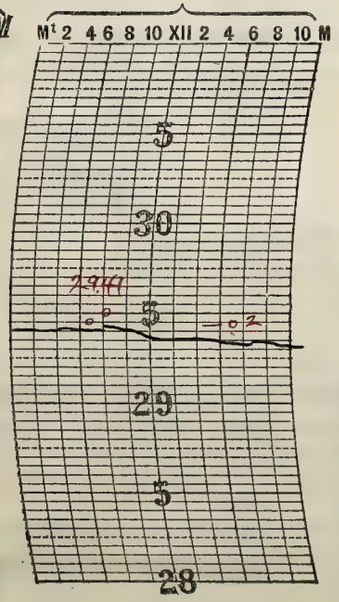
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.8 Wet temperature, 50.0
Dew-point, 31 R. humidity, 25 V. pressure, .172
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

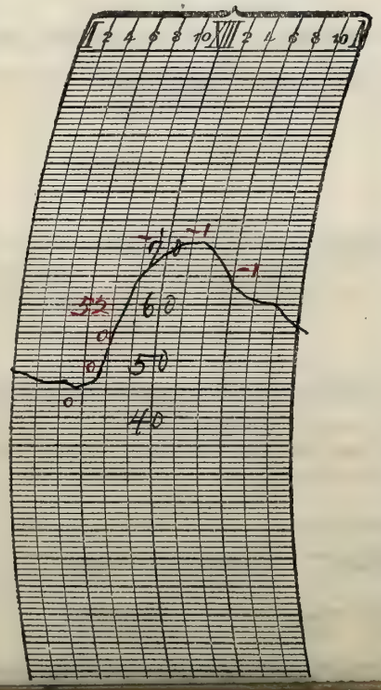
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was cloudless all day. Stars bright at night. Fine weather; warm for the season; strong southwest winds; small amount of moisture in the air.

Prepared by O.G.R.
Verified by F. M. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) NOV 2 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	55	53	51	50	48	47	46	46	47	48
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunrise: Time, Character, 6:13 Clear												
Moonrise: 11:50 a Clear												
Sunshine (in tenths of hours)							0 (.8)	0.6 (0.4)	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	NW	NW	N	N	N	N	N
Wind movement	13	11	10	10	8	11	14	14	18	18	16	16
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	48	46	44	42	40	39	37	36	36	35
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character, 4:36 Cloudy												
Moonset: 9:53 p Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	NE	NE
Wind movement	17	14	12	12	8	7	7	7	6	4	6	4

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	35	46	

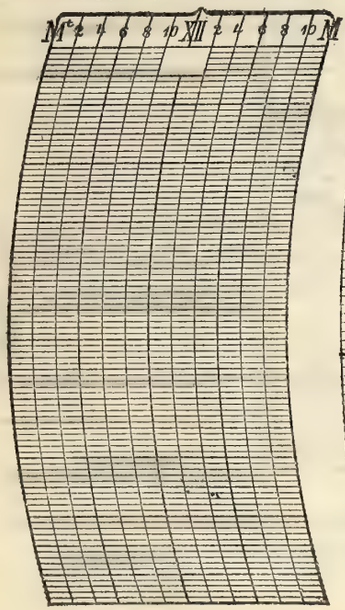
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.4 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 90
Prevailing wind direction, N Total wind 263
Average hourly velocity, 11.0 Extreme velocity, 24
Maximum velocity, 21 Direction, N
Time began, 9:20 a.m.
Reduced barometer, 30.30 7 a. m. 30.50 7 p. m.
River gage, 1.6 feet
Relative humidity, 51 7 a. m. 62 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

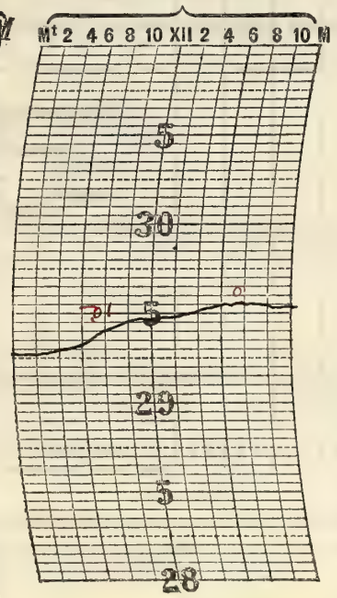
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.0 Wet temperature, 39.5
Dew-point, 28 R. humidity, 45 V. pressure, .150
Clouds: Amount, 1; Kind, Ci St.; Direction, NW
Velocity of clouds (miles per hour)

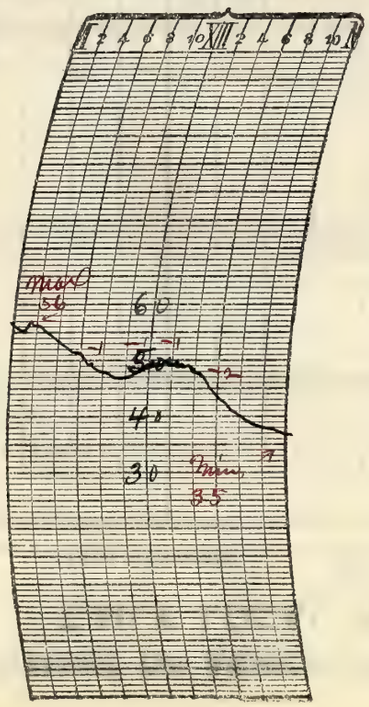
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thin upper clouds prevailed from the middle of the forenoon till evening. It was pleasant in the sunshine but a strong north and northwest wind kept the temperature from rising very high during the day.

Stars bright; pale moonlight.

Prepared by O.E.R.

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 3 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	32	32	31	32	32	34	39	45	47	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear			Pt Cldy		
Sunshine (in tenths of hours)							0	0	0.4	0.6	1.0	1.0
Wind direction	NE	E	E	SE	SE	SE	SE	S	SW	SW	SW	SW
Wind movement	6	6	5	5	4	4	4	4	10	14	16	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	58	61	61	58	57	55	57	57	56	54	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.5	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	18	18	17	16	16	14	12	15	15	12	9	6

Sunrise: Time, 6:15 Character, Cloudy
Moonrise: 12:38p Cloudy

Sunset: Time, 4:35 Character, Cloudy
Moonset: 10:59p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

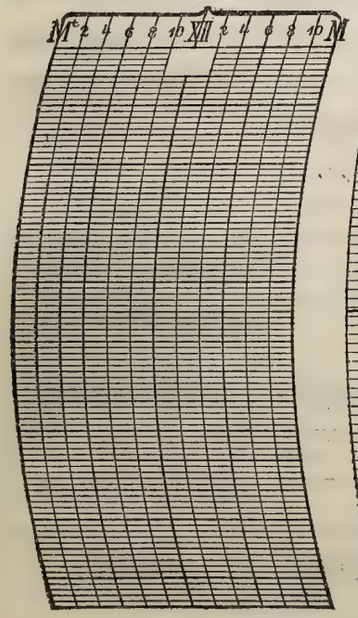
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	31	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, First Quarter ~~4:18 p.m.~~
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 6.3 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 61
Prevailing wind direction, SW Total wind 263
Average hourly velocity, 11.0 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 1:57 p.m.
Reduced barometer, 30.41 7 a. m. 29.97 7 p. m.
River gage, 1.5 fer
Relative humidity, 69 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.2 Wet temperature, 41.7
Dew-point, 28 R. humidity, 39 V. pressure, .150
Clouds: Amount, 3; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



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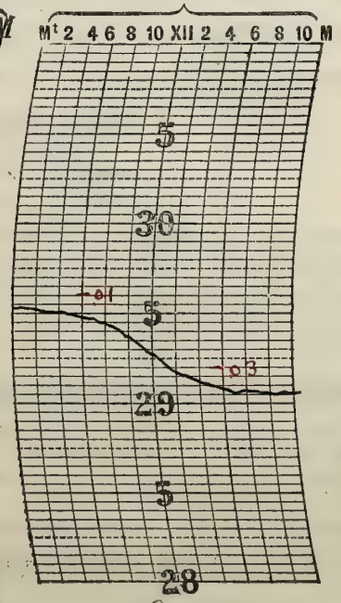

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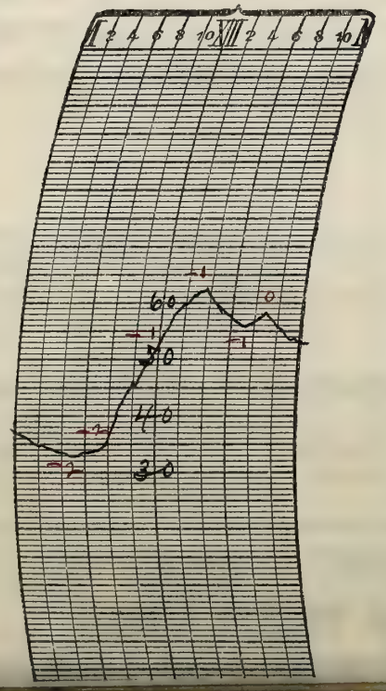


NOTES.

Upper clouds prevailed the greater part of the day. The temperature was quite low in the morning but rose rapidly till the middle of the afternoon. Moderate southwest winds.

Prepared by O.E.R.
Verified by J. M. Dunwoodie

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 4 1924, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	49	48	46	44	45	47	49	51	53	55	56	58	56	55	53	50	48	47	46	44	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt cloudy								Clear								→			
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	5.7 0							
Wind direction	W	NW	NW	NW	NW	NW	NW	N	NE	NE	N	N	NE	NE	NE	E	E	E	SE	SE	SE	SE	SE	SE
Wind movement	7	8	8	7	5	7	6	7	6	4	5	5	5	4	4	5	5	4	5	6	6	8	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:16 Character, Cloudy
Moonrise: 1:19p Clear

Sunset: Time, 4:34 Character, Clear
Moonset: — —

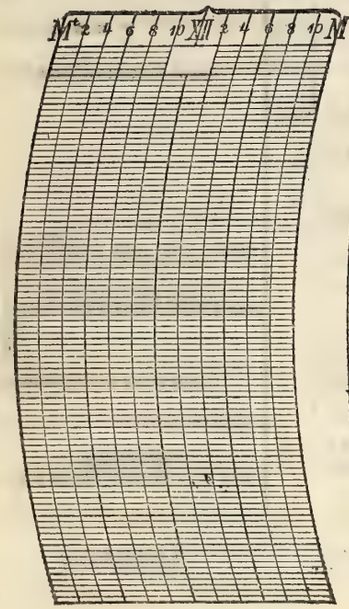
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	42	50	

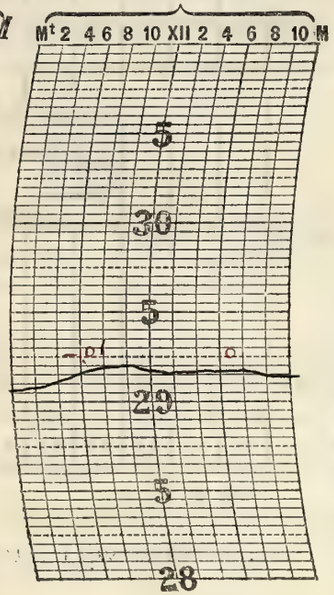
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.7 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 84
Prevailing wind direction, SE-NW Total wind 140
Average hourly velocity, 5.8 Extreme velocity, 10
Maximum velocity, 10 Direction, SE
Time began, 9:20 P.M.
Reduced barometer, 30.09 7 a. m. 30.10 7, p. m.
River gage, 1.6 fall
Relative humidity, 78 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 52.3 Wet temperature, 44.1
Dew-point, 35 R. humidity, 51 V. pressure, 203
Clouds: Amount, Few; Kind Cirr; Direction, NW
Velocity of clouds (miles per hour)

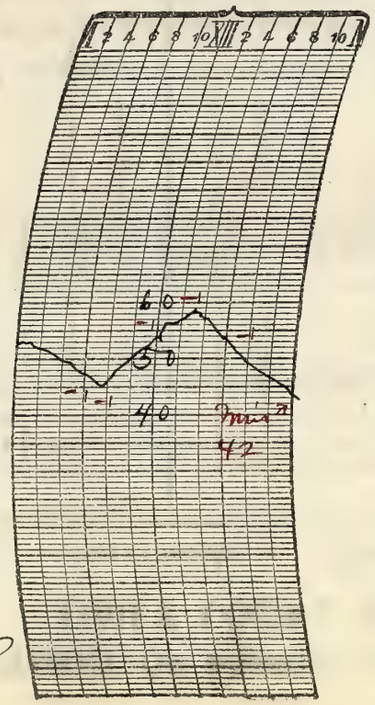
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The cirrus and cirrus clouds were moving rapidly from the west at the morning observation.
Upper clouds prevailed during the forenoon but the afternoon was practically cloudless.
Moonlight at night. Lunar corona at 8:00 p.m and after.
Moderate temperatures.

Prepared by O.C.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 5 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	41	40	42	47	50	55	62	67	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear			×	Pt cldy		×
Sunrise: Time, Character	6:17 Cloudy											
Moonrise	1:57p Clear											
Sunshine (in tenths of hours)							0	0	0	0.1	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	SE	S	S	SW	SW	SW	SW
Wind movement	6	6	6	6	6	3	7	8	11	13	18	19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	71	70	68	67	65	65	64	65	64	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear		Lt haze				
Sunset: Time, Character									4:32 Cloudy			
Moonset									12:04a Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	22	25	21	22	16	16	17	20	20	19	16	15

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

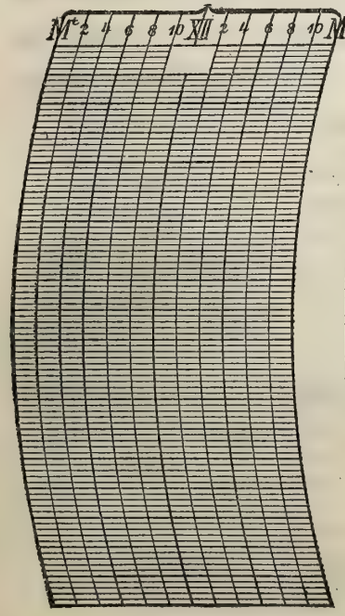
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	40	56	

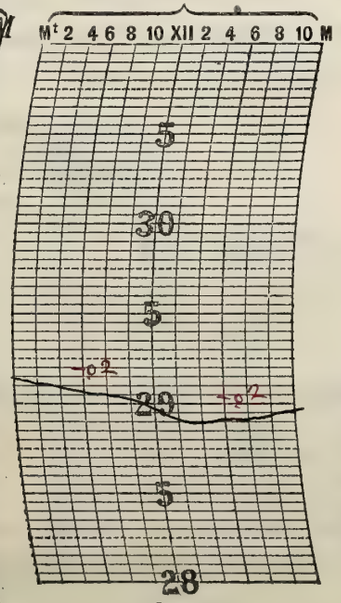
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy, Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 4.1 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 40
Prevailing wind direction, SW Total wind 338
Average hourly velocity, 14.1 Extreme velocity, 32
Maximum velocity, 29 Direction, SW
Time began, 1:45p.m.
Reduced barometer, 29.97 7 a. m. 29.81 7, p. m.
River gage, 1.5 feet
Relative humidity, 63 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 69.0 Wet temperature, 56.0
Dew-point, 46 R. humidity, 44 V. pressure, .310
Clouds: Amount, 5; Kind, Lt Haze Direction, —
Velocity of clouds (miles per hour)

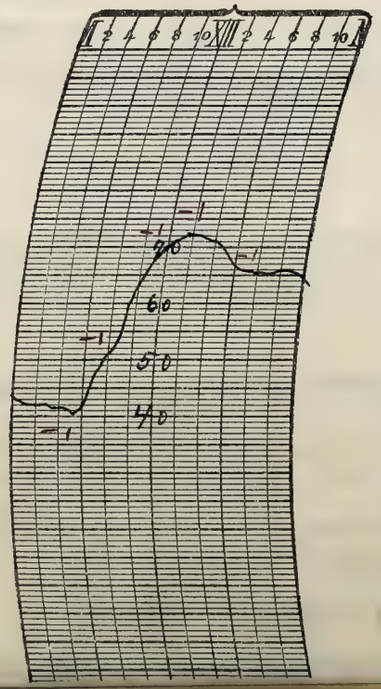
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Upper clouds prevailed during the greater part of the day and light haze continued from before noon until late at night. Moonlight.

A rather warm day for the season. Strong southwest winds

Prepared by O.E.K.

Verified by P. McDonnell

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 6 1924, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	63	62	61	62	64	65	68	69	72	72	73	72	73	71	70	68	66	65	66	65	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←							Pt cloudy											→
Sunshine (in tenths of hours)							0	0	0	0.6	1.0	0.9	0	0.4	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	13	13	14	14	13	15	15	19	21	24	22	22	20	18	16	16	14	14	12	11	15	15	15
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:18 Character, Cloudy
Moonrise: 2:28p Cloudy
Sunset: Time, 4:31 Character, Cloudy
Moonset: 1:09a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

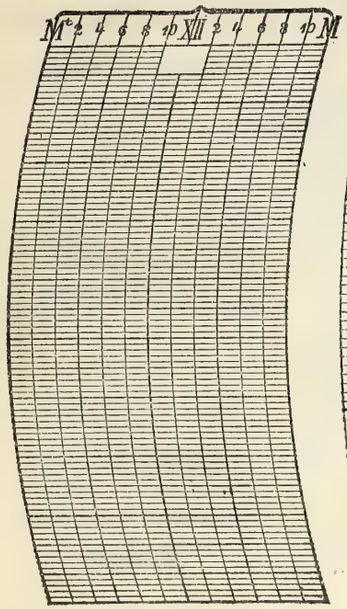
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	61	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 2.9 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 28
Prevailing wind direction, SW Total wind 383
Average hourly velocity, 16.0 Extreme velocity, 31
Maximum velocity, 28 Direction, SW
Time began, 10:22 a.m.
Reduced barometer, 29.92 7 a. m. 29.96 7 p. m.
River gage, 1.5 feet
Relative humidity, 67 7 a. m. 63 7 p. m.

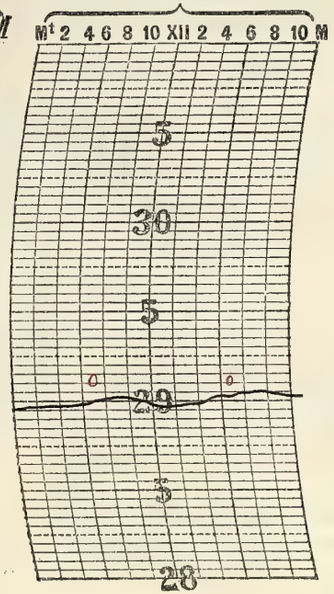
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.0 Wet temperature, 62.3
Dew-point, 57 R. humidity, 58 V. pressure, .465
Clouds: Amount, 2; Kind ~~Ct. Hazy~~ Direction, —
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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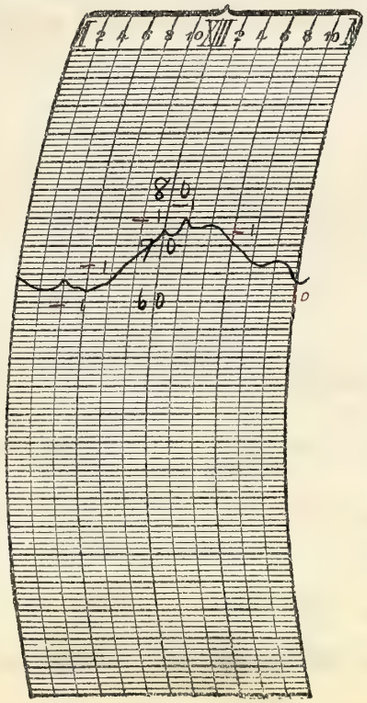


NOTES.

A partly cloudy day with light haze extending from the middle of the forenoon till after nightfall. Moonlight at night.
The temperatures were quite high for the season.

Prepared by O.E.P.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 7 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	64	64	64	64	64	65	68	68	56
State of weather: Nature of precipitation and time of beginning and ending										RB 9:10 RE 9:25	RB 10:30	— —
Amounts of precipitation										T	T	T
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	6:19 Cloudy											
Moonrise:	2:59p Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	18	19	20	19	19	20	19	20	22	27	29
Maximum velocities (exceeding 29 miles) direction and time											37 W 10:48	34 SW 11:04

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	50	46	44	42	40	40	40	40	39	39
State of weather: Nature of precipitation and time of beginning and ending	RE 12:40											
Amounts of precipitation	T											
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character									4:30 Cloudy			
Moonset:									2:13a Cloudy			
Sunshine (in tenths of hours)	0	0.2	0.1	0	0							
Wind direction	NW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	19	21	22	26	19	22	18	16	18	14	13	12
Maximum velocities (exceeding 29 miles) direction and time				33 NW 3:30								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	39	54	

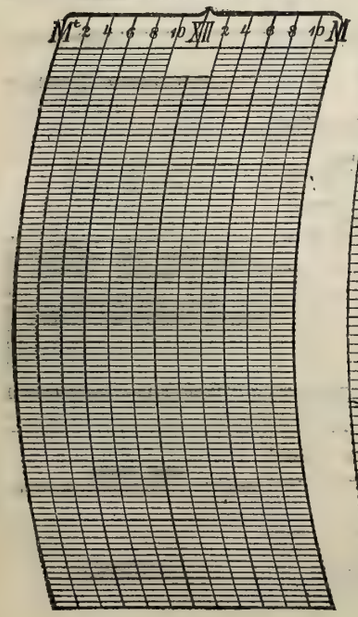
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.3 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 3
Prevailing wind direction, SW Total wind 468
Average hourly velocity, 19.5 Extreme velocity, 39
Maximum velocity, 37 Direction, W
Time began, 10:48 a. m.
Reduced barometer, 29.92 7 a. m. 30.29 7, p. m.
River gage, 1.5 feet
Relative humidity, 64 7 a. m. 68 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

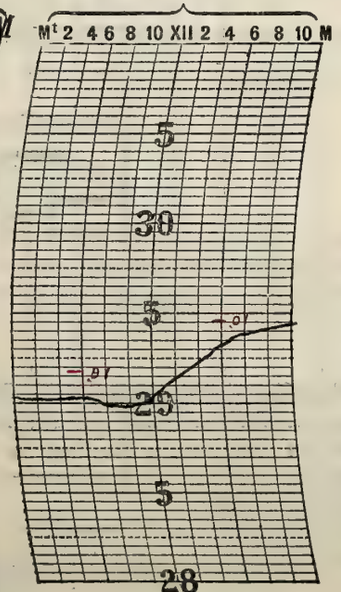
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.0 Wet temperature, 54.0
Dew-point, 53 R. humidity, 88 V. pressure, 402
Clouds: Amount, 10; Kind, St.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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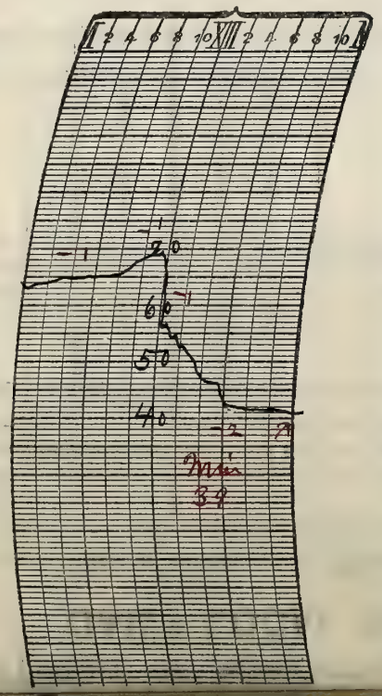


NOTES.

The sky was overcast all day and into the night. A light sprinkling of rain fell during the middle of the day.

Temperatures were high during the forenoon but started to drop sharply at noon. The winds were strong from the southwest during the forenoon, changing to west and northwest afternoon.

The wind blew over trees in some sections of the city causing damage to electrical power lines.

Prepared by O.E.R.

Verified by J. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 8 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	38	37	37	36	36	35	34	33	34	34	34	35	36	37	36	35	35	35	35	35	35	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Cloudy						→	Cloudy	←					
	Sunrise: Time, 6:21 Character, Cloudy; Moonrise: 3:28 p Cloudy																				Sunset: Time, 4:29 Character, Cloudy; Moonset: 3:15 a Cloudy			
Sunshine (in tenths of hours)	•						0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	9	9	7	10	9	10	11	8	8	8	9	9	12	11	13	11	5	6	8	6	6	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	33	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 0 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 205
Average hourly velocity, 8.5 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 3:16 p m.
Reduced barometer, 30.46 7 a. m. 30.42 7, p. m.
River gage, 1.5 feet
Relative humidity, 70 7 a. m. 73 7 p. m.

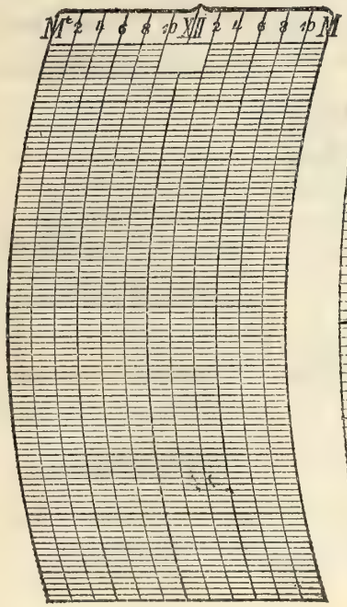
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

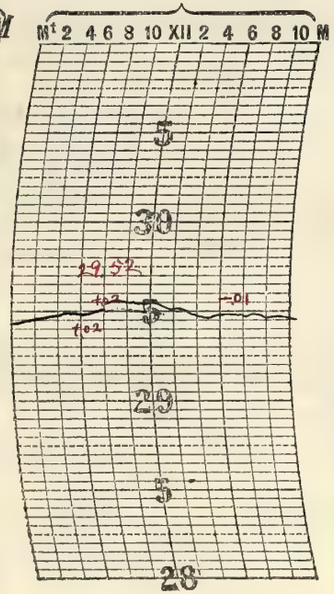
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.0 Wet temperature, 31.5
Dew-point, 26 R. humidity, 68 V. pressure, .136
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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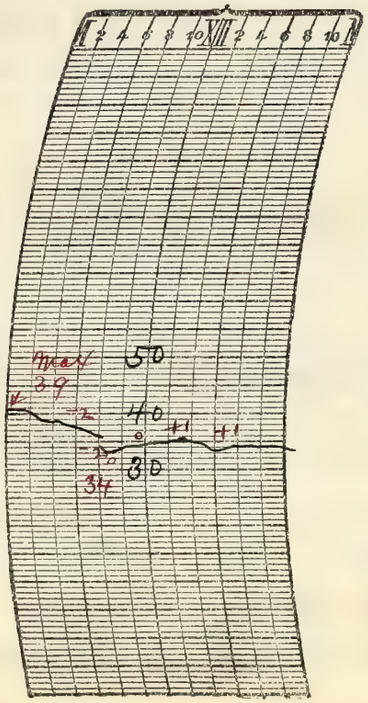


NOTES.

The sky was over cast the greater part of the day but cleared slightly about 5 p.m. The moon was visible at intervals through rifts in the clouds.

There was a chilly northeast wind and the temperature varied only slightly for the whole 24 hours.

Prepared by O.K.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 9 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	33	32	32	34	38	42	44	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunshine (in tenths of hours)							0	0	1.0*	1.0*	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	S	SW	S
Wind movement	6	6	5	4	4	4	2	1	3	5	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	53	51	50	48	47	45	43	43	42	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0* 0	1.0* 0							
Wind direction	S	SW	SW	S	S	S	S	S	S	S	S	SE
Wind movement	4	4	4	6	4	4	5	5	4	4	5	6

Sunrise: Time, 6:22 Character, Cloudy
Moonrise: 3:57p Clear
Sunset: Time, 4:28 Character, Clear
Moonset: 4:15a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

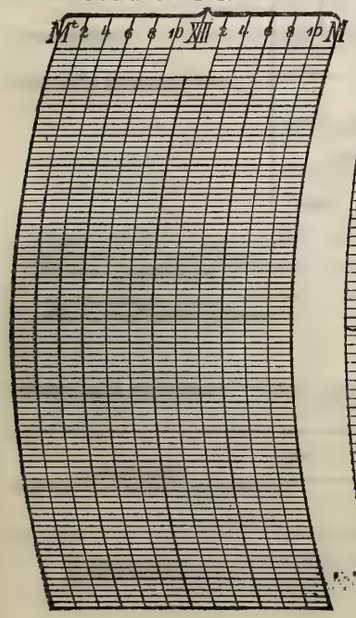
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	32	42	

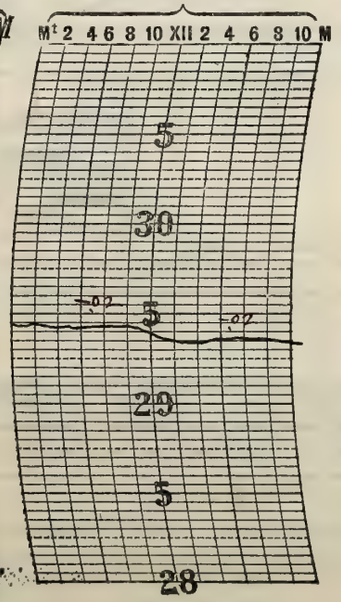
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 8.5 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 84
Prevailing wind direction, S Total wind 104
Average hourly velocity, 4.3 Extreme velocity, 7
Maximum velocity, 7 Direction, SE
Time began, 10:45 p. m.
Reduced barometer, 30.37 7 a. m. 30.29 7 p. m.
River gage, 1.5 feet
Relative humidity, 78 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 46.6 Wet temperature, 39.8
Dew-point, 31 R. humidity, 55 V. pressure, .172
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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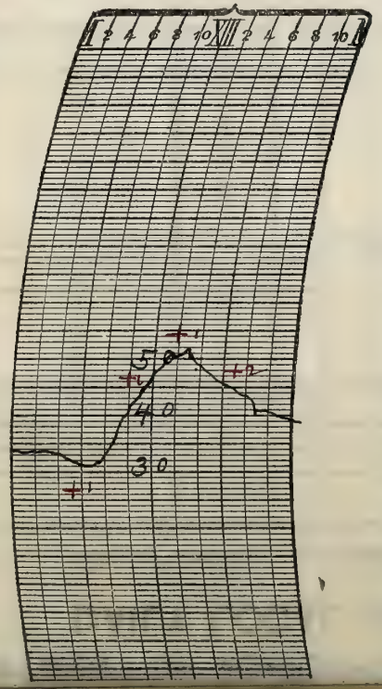


NOTES.

A clear day with rising temperature. Very fine weather. Bright moonlight.

* By eye observation

Prepared by O.G.R.
Verified by P.M. Donnish.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) NOV 10 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	38	38	35	35	37	37	38	42	48	53	57	58	62	63	62	59	56	54	52	51	49	49	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear										→			
Sunshine (in tenths of hours)							.62 0	1.0 0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	SE	S	S	SE	SE	SE	S	S	S	S	S
Wind movement	5	5	4	3	5	5	6	7	10	12	12	13	13	13	13	9	8	10	11	13	11	12	13	13

Sunrise: Time, 6:23 Character, Clear
Moonrise: 4:28 p Clear
Sunset: Time, 4:27 Character, Cloudy
Moonset: 5:15 a Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

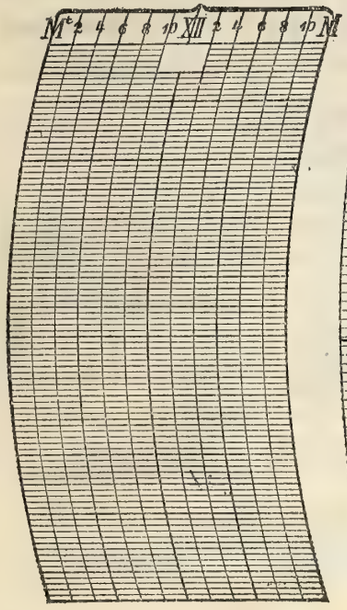
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	35	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.5 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 84
Prevailing wind direction, S E Total wind 226
Average hourly velocity, 9.4 Extreme velocity, 17
Maximum velocity, 16 Direction, S
Time began, 11:39 a m.
Reduced barometer, 30.23 7 a. m. 30.03 7 p. m.
River gage, 1.5 feet
Relative humidity, 71 7 a. m. 57 7 p. m.

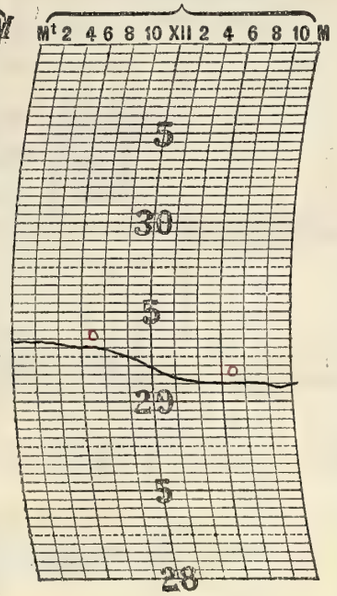
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.4 Wet temperature, 46.4
Dew-point, 34 R. humidity, 41 V. pressure, .195
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour) ____

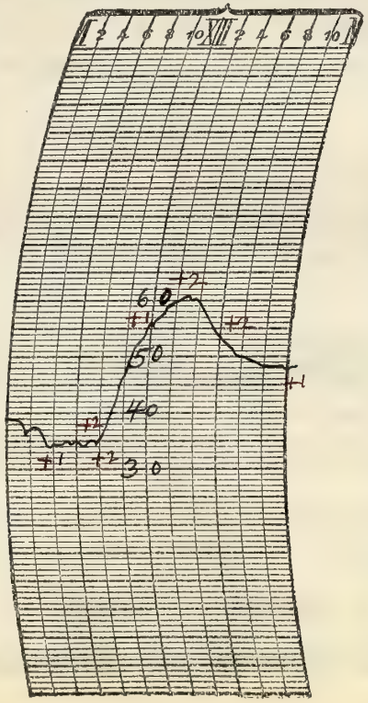
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moonlight in early morning
A small amount of thin
upper clouds prevailed during
the greater part of the day.
A pleasant day with rising
temperature. Moonlight at night.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 11 1924, 192

Time (local standard). 90th mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	50	51	52	51	52	53	57	59	64	65	68	66	65	63	63	63	63	62	58	58	57	57
State of weather: Nature of precipitation and time of beginning and ending		RB ON		RE ON											RB 2:55	RE 3:45		RB 5:15 RE 5:50		RB 7:30				
Amounts of precipitation		T	T	T											T	.01		T		.01	.01	T	.03	.02
Cloudiness and other conditions						← Pt Cldy			← Cldy		← Pt Cldy				→ Cloudy					→				
Sunrise: Time, Character,	6:24 Cloudy																							
Moonrise:	5:00p Cloudy																							
Sunset: Time, Character,																					4:26 Cloudy			
Moonset:																					6:15a Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	0.7	0.1	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	8	10	8	12	12	12	13	14	18	19	20	21	21	18	17	12	17	15	19	24	21	17	13
Maximum velocities (exceeding 29 miles) direction and time																					30 SW 8:03			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	49	58	

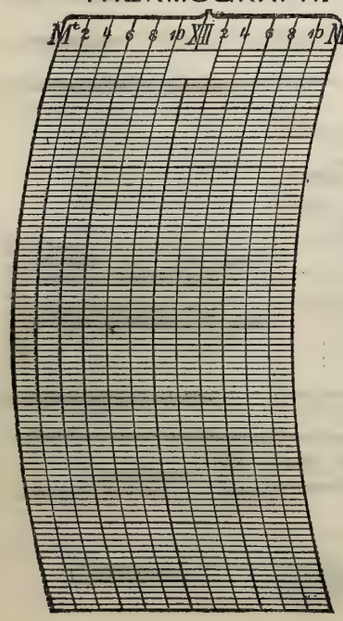
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase, Full moon 6:31 am
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.2 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 22
Prevailing wind direction, S Total wind 371
Average hourly velocity, 15.5 Extreme velocity, 35
Maximum velocity, 30 Direction, SW
Time began, 8:03 p. m.
Reduced barometer, 29.96 7 a. m. 29.80 7, p. m.
River gage, 1.6 feet
Relative humidity, 82 7 a. m. 70 7p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

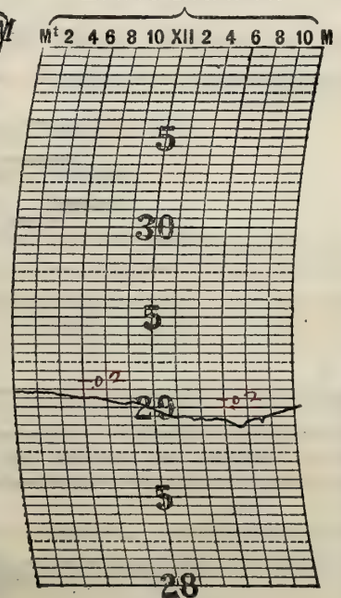
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.3 Wet temperature, 57.5
Dew-point, 52 R. humidity, 63 V. pressure, .387
Clouds: Amount, 3; Kind, Hazy; Direction, —
Velocity of clouds (miles per hour)

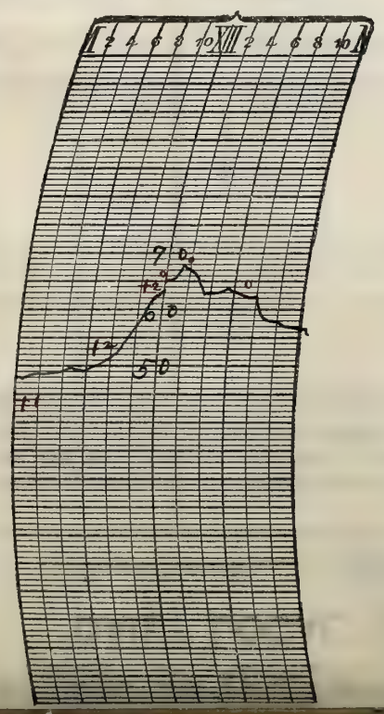
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light shower occurred in the early morning and the streets were wet until sometime after sunup. The sky had cleared somewhat at 5 a.m. and the Moon and stars were visible.

The amount of cloudiness varied during the day but the sky was nearly overcast the greater part of the time. Light showers occurred during the afternoon and a shower which began at 7:30 p.m. continued intermittently till past midnight. A thunderstorm began 7:45 and continued past midnight.

The temperature rose rapidly during the forenoon and fell gradually from 1 p.m. till midnight. Moderate south winds.

Prepared by O.E.B.
Verified by T. McDonough

8—486

FORM NO. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 12 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	46	44	42	42	42	42	40	40	42	43	46	47	49	48	48	47	45	45	43	42	41	40	39
State of weather. Nature of precipitation and time of beginning and ending	RE DN																							
Amounts of precipitation	.01																							
Cloudiness and other conditions							Cloudy					Pt	cloudy						clear		Pt cldy			
Sunshine (in tenths of hours)							0	0	0	0.2	0.9	1.0	1.0	1.0	0.9	0.1	0							
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	13	16	13	15	13	12	10	10	10	7	7	6	6	7	7	5	5	5	7	6	6	4	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:25 Character, Cloudy
Moonrise: 5:36 p Cloudy
Sunset: Time, 4:25 Character, Cloudy
Moonset: 7:13 a Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

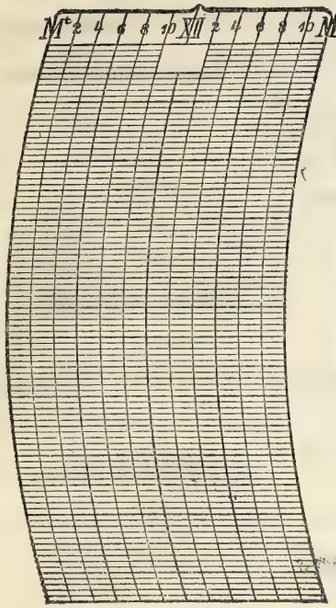
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	39	48	

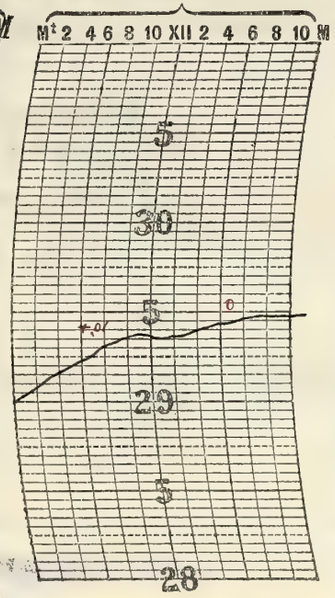
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.1 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 51
Prevailing wind direction, N Total wind 201
Average hourly velocity, 8.4 Extreme velocity, 20
Maximum velocity, 18 Direction, SW
Time began, 12:12 am.
Reduced barometer, 30.22 7 a. m. 30.41 7 p. m.
River gage, 1.6 feet
Relative humidity, 79 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 46.0 Wet temperature, 40.5
Dew-point, 34 R. humidity, 62 V. pressure, 195
Clouds: Amount, 4; Kind, Cist; Direction, W
Velocity of clouds (miles per hour)

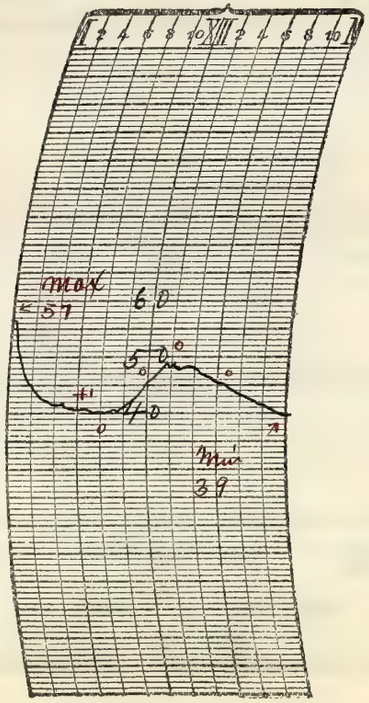
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm continued from the previous date and ended shortly after midnight a.m. The temperature fell quite rapidly between midnight am and 3 a.m.

Decreasing cloudiness from morning until evening. The sky was partly overcast at night and the moon was visible at intervals through rifts in the clouds. Lunar corona observed at 8:00 p.m.

Temperature slightly above the seasonal average.

Prepared by OEK
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 13 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	35	34	34	35	35	38	38	38	39	39
State of weather: Nature of precipitation and time of beginning and ending										RB 9:20	-	- -
Amounts of precipitation										T	T	.15
Cloudiness and other conditions												Cloudy
Sunrise: Time, Character, 6:26 Cloudy												
Moonrise: 6:14p Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	6	5	6	8	7	8	8	9	10	10	10	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	42	43	43	44	44	45	44	42	42	42
State of weather: Nature of precipitation and time of beginning and ending	—		RE 2:45				RB 6:20		RE DN			
Amounts of precipitation	.20	.02	T				T	T	T			
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character, 4:25 Cloudy												
Moonset: 8:09a Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	E	E	E	S	SW	SW	W	NW	NW	NW	W
Wind movement	9	8	6	3	5	6	11	14	13	9	6	4

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

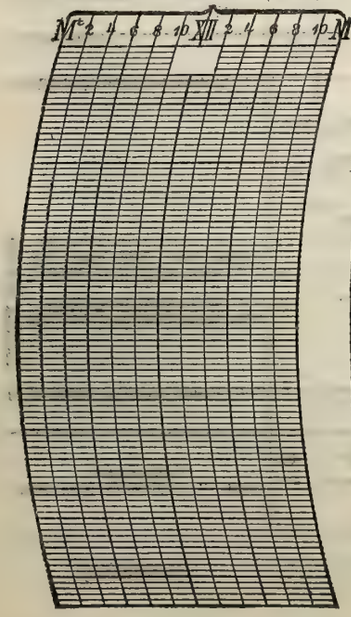
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	34	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .37 ins.
Total precipitation, midnight to midnight, .37 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 189
Average hourly velocity, 7.9 Extreme velocity, 17
Maximum velocity, 16 Direction, W
Time began, 6:58 p. m.
Reduced barometer, 30.35 7 a. m. 30.11 7 p. m.
River gage, 1.6 feet
Relative humidity, 83 7 a. m. 96 7 p. m.

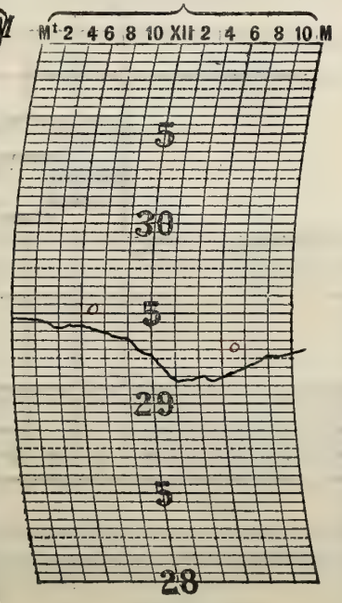
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.8 Wet temperature, 38.3
Dew-point, 38 R. humidity, 96 V. pressure, .228
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

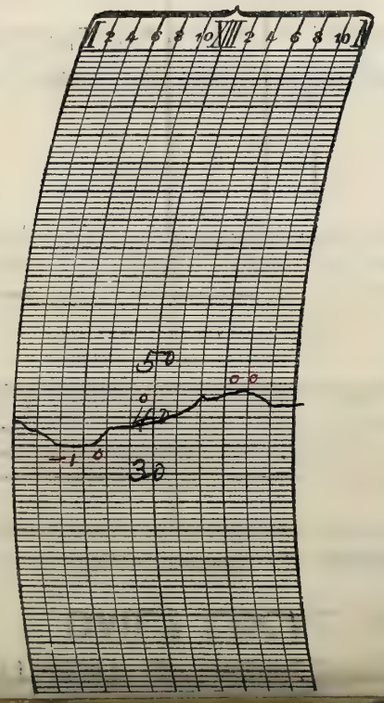
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was clear with moonlight in the early morning. Lower clouds came in from the southwest between 5:30 am and 6:00 am.

The sky remained overcast all day and into the night. A steady rain fell during the middle of the day and a light sprinkling in the evening.

The atmosphere was very humid all day and temperatures varied only slightly.

Prepared by O.E.R.

Verified by J. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 14 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	41	41	40	40	40	41	41	42	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cldy		Pt Cldy		Cldy	
Sunshine (in tenths of hours)							0	0	0	0.5	0.2	0
Wind direction	W	W	W	NW	NW	NW	NW	NW	W	NW	NW	NW
Wind movement	5	4	5	5	4	6	6	5	6	9	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	44	42	41	38	37	36	35	33	33	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cldy				Cldy					
Sunshine (in tenths of hours)	0	0	0.4	0	0							
Wind direction	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	10	8	7	5	6	4	5	7	5	5	4

Sunrise: Time, 6:28 Character, Cloudy
Moonrise: 6:57 p Cloudy
Sunset: Time, 4:24 Character, Cloudy
Moonset: 9:02 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

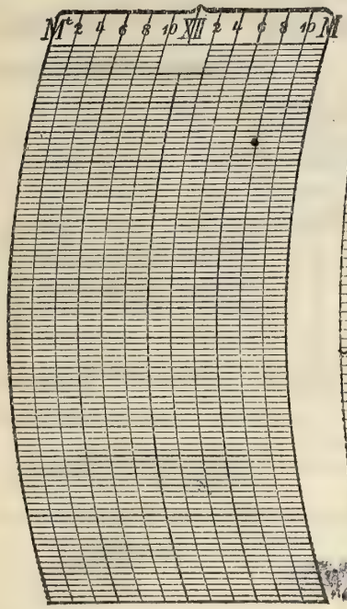
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	33	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 1.1 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 11
Prevailing wind direction, NW Total wind 145
Average hourly velocity, 6.0 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 1:55 p.m.
Reduced barometer, 30.27 7 a. m. 30.21 7 p. m.
River gage, 1.6 feet
Relative humidity, 88 7 a. m. 83 7 p. m.

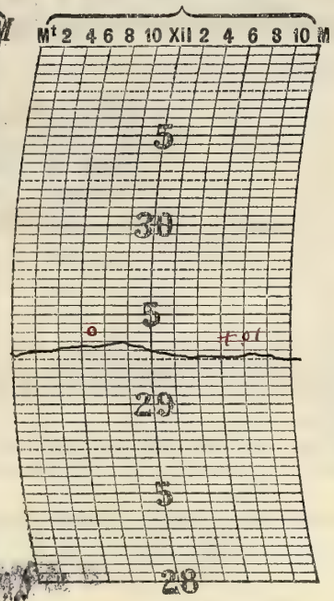
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.0 Wet temperature, 39.5
Dew-point, 35 R. humidity, 74 V. pressure, .203
Clouds: Amount, 8; Kind, St cu Direction, NW
Velocity of clouds (miles per hour)

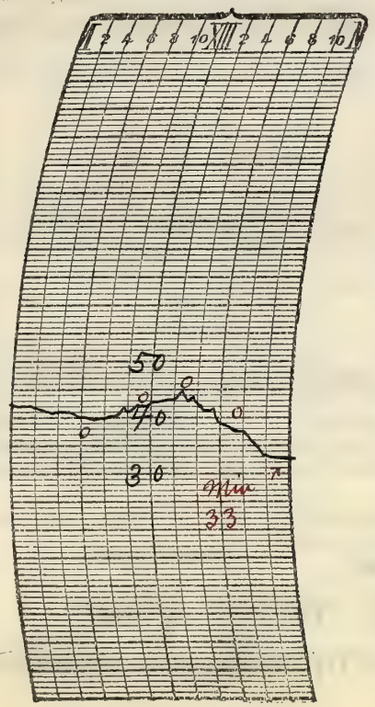
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The amount of cloudiness varied considerably from time to time. The temperature was nearly normal for the season.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 15 1924, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	32	32	32	31	31	31	35	40	42	43	44	45	46	45	43	41	40	40	40	40	41	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Clear						×		Cloudy				→
Sunshine (in tenths of hours)							0	0	0	1.0	1.0	1.0	1.0	0.9	1.0	0.7 0.3	38 0							
Wind direction	NW	NW	NW	NW	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	3	3	4	3	4	5	5	7	8	7	7	9	10	11	8	8	8	8	10	11	13	11	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:29 Character, Cloudy
Moonrise: 7:45p Cloudy

Sunset: Time, 4:23 Character, Clear
Moonset: 9:52a Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

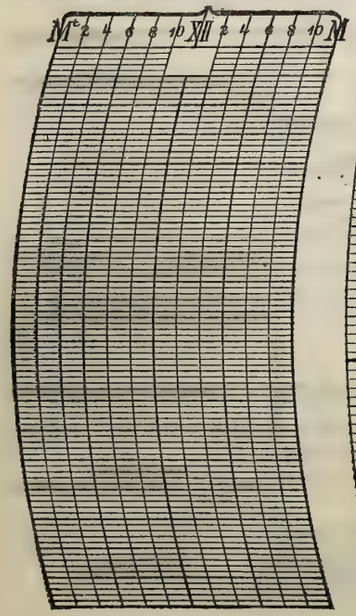
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	31	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 1
Actual sunshine, hours, 7.3 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 74
Prevailing wind direction, SW Total wind 175
Average hourly velocity, 7.3 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 9:32p
Reduced barometer, 30.18 7 a. m. 30.10 7, p. m.
River gage, 1.5 feet
Relative humidity, 82 7 a. m. 61 7 p. m.

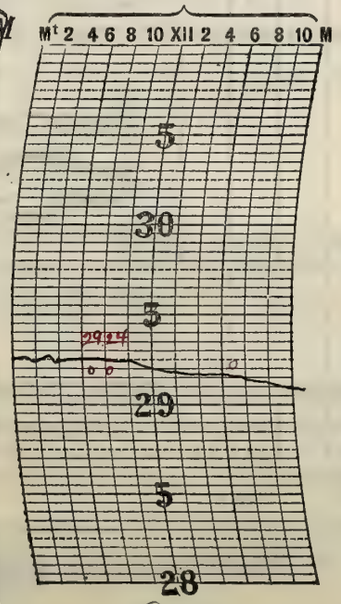
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.0 Wet temperature, 35.8
Dew-point, 25 R. humidity, 48 V. pressure, .130
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

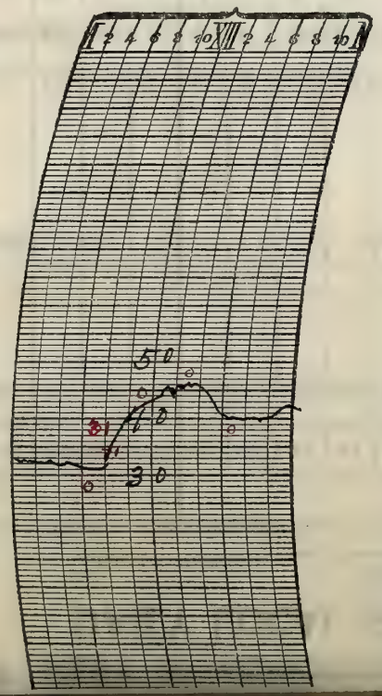
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moonlight in early morning. The day was clear with temperatures about normal. The sky became overcast between 5 pm and 6 p.m and remained cloudy into the night.

Prepared by O.G.R.
Verified by D. M. Donnegh

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 16 1924, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	38	37	36	35	35	36	37	40	40	39	36	37	36	33	31	30	28	27	27	26	25	25
State of weather. Nature of precipitation and time of beginning and ending										R+S 9:55	R+S 10:30	SnB 11:45	—	SnE 1:30	SnB 2:50	SnE 3:15								
Amounts of precipitation										T	T	T	T	T	T	T								
Cloudiness and other conditions					←		Pt Cloudy				Cloudy						Pt Cldy			clear →				

Sunrise: Time, 6:30 Character, Cloudy
Moonrise: 8:36 P Clear
Sunset: Time, 4:22 Character, Cloudy
Moonset: 10:38 a Cloudy

Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.2	0.2	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NE
Wind movement	8	9	9	9	9	10	10	9	12	18	16	21	19	19	20	18	13	10	9	9	8	8	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

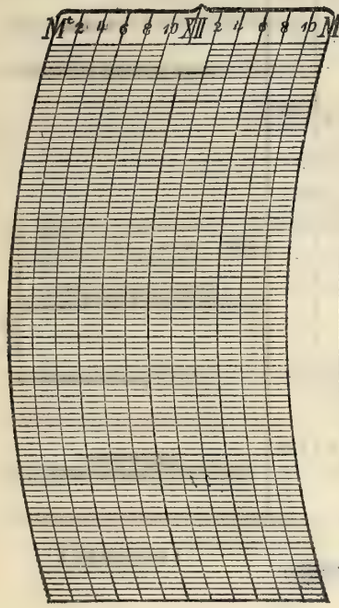
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	25	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.4 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 4
Prevailing wind direction, NW Total wind 289
Average hourly velocity, 12.0 Extreme velocity, 32
Maximum velocity, 28 Direction, NW
Time began, 1:55 p.m
Reduced barometer, 30.00 7 a. m. 30.30 7 p. m.
River gage, 1.5 feet
Relative humidity, 83 7 a. m. 68 7 p. m.

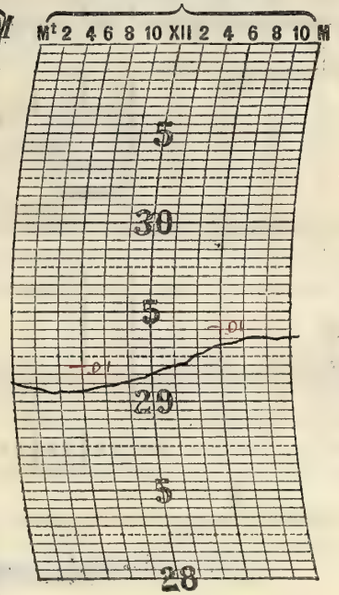
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.8 Wet temperature, 34.3
Dew-point, 28 R. humidity, 64 V. pressure, 150
Clouds: Amount, 9; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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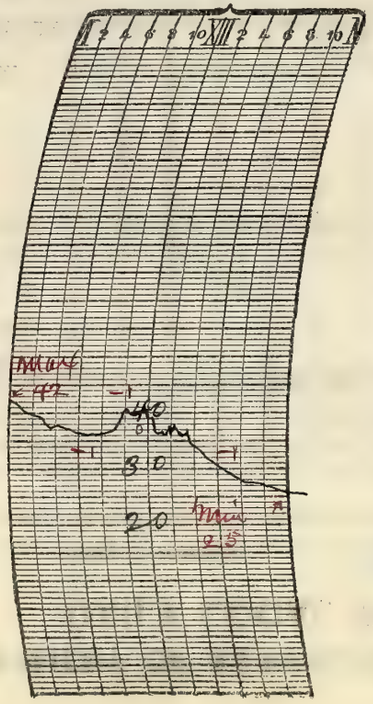


NOTES.

The sky was mostly overcast throughout the day but clear in the early morning and again at night. Stars bright. Snow flurries during the middle of the day. The first snow of the season.

A cool day with northwest winds.

Prepared by O.K.R.

Verified by S. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV. 17 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	22	22	23	24	25	24	23	25	24
State of weather: Nature of precipitation and time of beginning and ending									S 8 8:45	-	-	-
Amounts of precipitation									-	-	-	-
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	E	E	E	E	E	SE	SE	SE	SE	SE	SE
Wind movement	8	8	5	4	4	4	5	5	7	7	7	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	24	24	24	24	24	24	24	23	21
State of weather: Nature of precipitation and time of beginning and ending	-	-	-	-	-	-	-	-	S E ON			
Amounts of precipitation	-	-	-	-	-	-	-	-	-			
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	NE	E	NE	NE	NE	NE	NE
Wind movement	5	7	9	8	8	8	9	10	9	10	8	8

Sunrise: Time, 6:31 Character, Cloudy
Moonrise: 9:30 p Cloudy

Sunset: Time, 4:21 Character, Cloudy
Moonset: 11:20 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

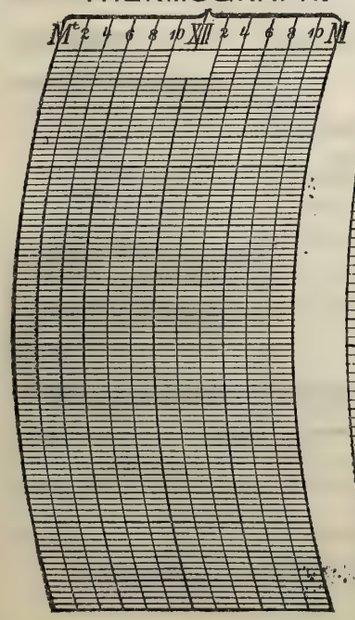
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	21	24	

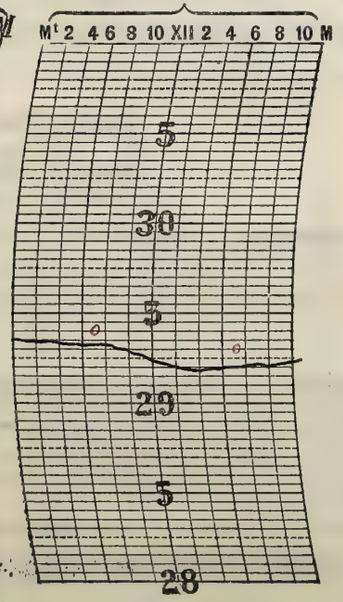
Total depth of snow for 24 hours ending 7 p. m., 4.6 inches.
Snow, sleet, and hail on ground 7 p. m., 4.6 inches.
Total snowfall, midnight to midnight, 4.8 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 4.0 ins.
Total precipitation, midnight to midnight, .42 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 171
Average hourly velocity, 7.1 Extreme velocity, 16
Maximum velocity, 15 Direction, E
Time began, 2:26 p.m.
Reduced barometer, 30.29 7 a. m. 30.16 7 p. m.
River gage, 1.5 feet
Relative humidity, 64 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 24.0 Wet temperature, 23.3
Dew-point, 22 R. humidity, 91 V. pressure, .113
Clouds: Amount, 10; Kind, Nb; Direction, SE
Velocity of clouds (miles per hour)

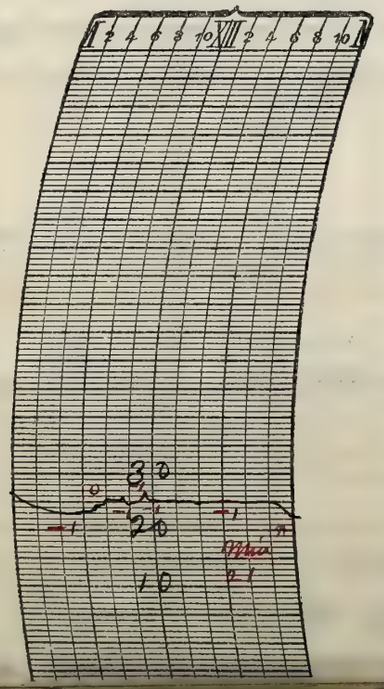
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was overcast all day with snow falling from 8:45 am until after nightfall.

The temperature stood below freezing all day.

The tipping bucket rain gage removed from the roof at 7:00 am.

Prepared by O.E.R.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 18 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	19	19	18	17	16	17	21	23	27	30	32	33	33	32	31	30	29	29	26	25	25	26
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	SE	S	S	S	S	S	S	S	S	SW	SW	SW	S
Wind movement	6	7	6	5	4	4	3	3	3	3	2	4	7	8	6	7	5	5	7	6	7	5	8	9

Sunrise: Time, 6:32 Character, Clear
Moonrise: 10:28 p Cloudy
Sunset: Time, 4:12 p Character, Cloudy
Moonset: 11:59 a Clear

Cloudiness: 3 cloudy, Clear; cldy × clear × cldy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	16	24	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 2.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.5 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 97
Prevailing wind direction, NE Total wind 130
Average hourly velocity, 5.4 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 8:35 p. m.
Reduced barometer, 30.28 7 a. m. 30.21 7 p. m.
River gage, 1.5 feet
Relative humidity, 97 7 a. m. 78 7 p. m.

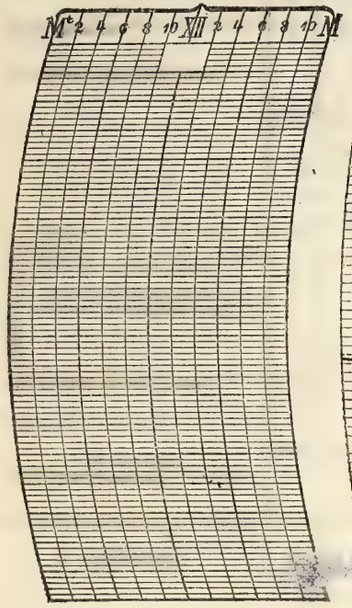
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

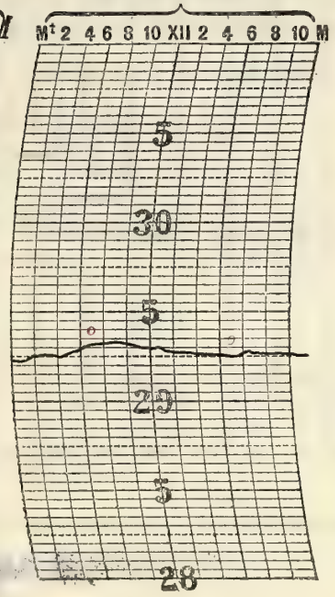
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.8 Wet temperature, 29.8
Dew-point, 29 R. humidity, 89 V. pressure, .157
Clouds: Amount, 2; Kind, ~~St Smoke~~ Direction, SE
Velocity of clouds (miles per hour)

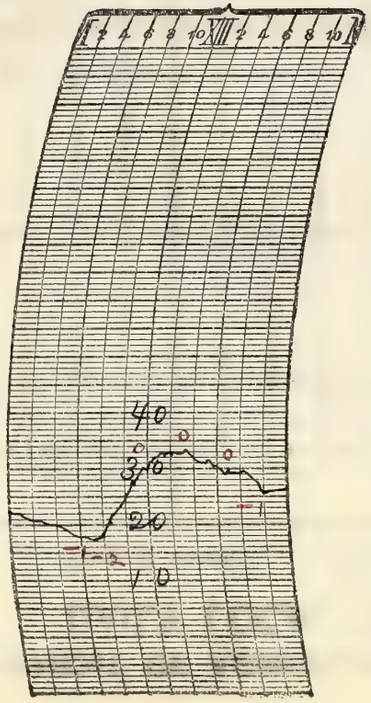
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. *By eye observation.

Moonlight in early morning.
Snowfall to 7:00 am 0.2 inch.
The sky was clear until a while before sunset. There was light local smoke from 8:30 a.m. until after 3:00 p.m. due to the light wind. The cloudiness varied considerably after nightfall.
Temperatures lower than the normal.
Streets and sidewalks icy in places.

Prepared by OER
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 19 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	27	28	29	30	31	32	33	34	35	37	39	41	44	46	45	43	41	40	38	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<	Cloudy				×				Clear							>			
Sunshine (in tenths of hours)							0	0	0	0	0.9	1.0	1.0	1.0	0.2 0.8	1.0 0	.33 0							
Wind direction	S	S	SW	SW	S	S	SW	SW	SW	SW	SW	SW	S	SW	S	S	S	S	S	S	S	S	S	SW
Wind movement	9	9	8	8	8	9	10	11	10	13	14	12	16	16	16	12	11	12	12	11	13	14	12	13
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:33 Character, Cloudy
Moonrise: 11:28 p Clear

Sunset: Time, 4:20 Character, Clear
Moonset: 12:34 p Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

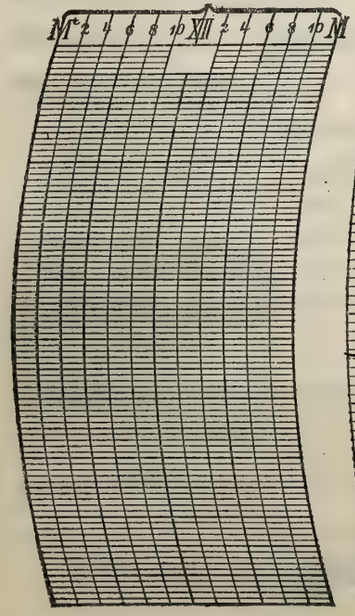
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	26	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Last Quarter 1-1-38 am
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 6.2 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 63
Prevailing wind direction, S Total wind 284
Average hourly velocity, 11.8 Extreme velocity, 22
Maximum velocity, 20 Direction, SS
Time began, 2:21 p. m.
Reduced barometer, 30.25 7 a. m. 30.15 7 p. m.
River gage, 1.6 feet
Relative humidity, 87 7 a. m. 82 7 p. m.

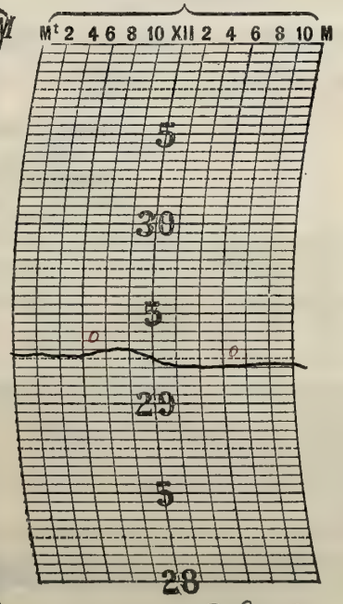
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.1 Wet temperature, 35.8
Dew-point, 32 R. humidity, 74 V. pressure, .180
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

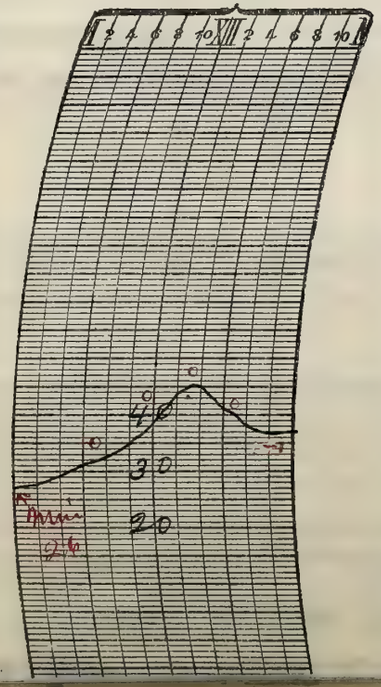
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was overcast in the morning but cleared rapidly about 9:30 am. It was cloudless all afternoon and into the night. Stars bright.

Rising temperature and increasing southwest wind.

Some streets and sidewalks were slushy from melting snow.

Prepared by O.E.R.
Verified by P. McDonough

FORM NO. 1012—MOT.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV. 20 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	37	38	38	37	37	40	43	44	46	48	52	54	55	53	51	49	47	46	45	44	43	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							clear			cldy				cldy			clear							
Sunshine (in tenths of hours)							.42 0	0.5 0	0.5	0	0	0	1.0	1.0	1.0	1.0 0	.32 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW	S	S	S	S	S	SW	SW
Wind movement	11	11	12	15	18	16	16	16	15	14	16	16	18	19	19	14	14	14	16	15	14	15	14	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:35 Character, Clear
Moonrise: —
Sunset: Time, 4:19 Character, Clear
Moonset: 1:07 p Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

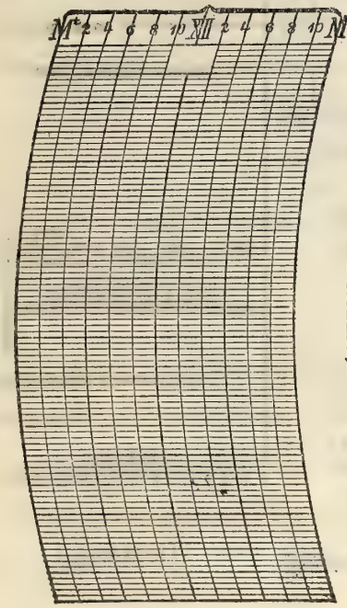
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	36	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 5.7 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 59
Prevailing wind direction, SW Total wind 362
Average hourly velocity, 15.1 Extreme velocity, 25
Maximum velocity, 23 Direction, S
Time began, 2:22 p m
Reduced barometer, 30.12 7 a. m. 29.98 7, p. m.
River gage, 1.6 feet
Relative humidity, 81 7 a. m. 66 7 p. m.

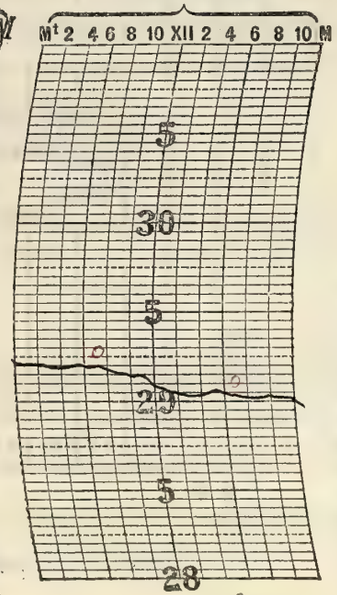
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.7 Wet temperature, 42.5
Dew-point, 36 R. humidity, 65 V. pressure, .211
Clouds: Amount, 8; Kind, ast; Direction, SW
Velocity of clouds (miles per hour)

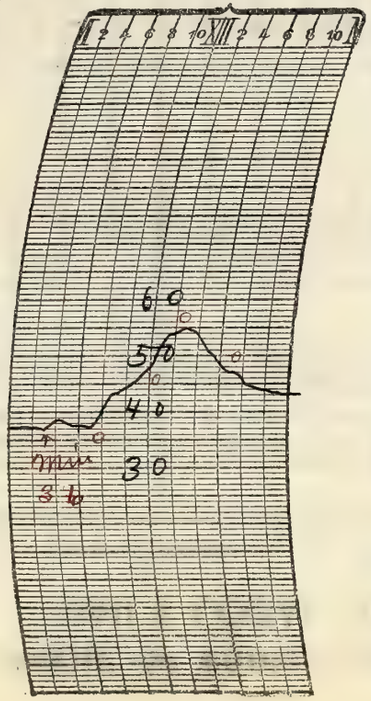
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow on ground at 7:00 am Trace. Snow disappeared during the day.
The amount of cloudiness increased during the morning and decreased during the afternoon. Clear at night.
Temperatures somewhat above the normal. Steady southerly winds.

Prepared by O.K.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) NOV 21 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	42	42	42	43	43	44	44	45	45	45
Nature of precipitation and time of beginning and ending							RB 6:40	— —	—	RE 9:45		RB 11:00
Amounts of precipitation							—	—	—	—		—
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	13	13	15	14	13	15	14	16	19	18	16	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	48	48	47	46	45	45	43	43	42	42
Nature of precipitation and time of beginning and ending	— —	— —	RE 2:30									
Amounts of precipitation	—	—	—									
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	13	14	14	15	11	11	11	11	13	11	13	11

Sunrise: Time, 6:36 Character, Cloudy
Moonrise: 12:30 a Clear?

Sunset: Time, 4:18 Character, Cloudy
Moonset: 1:38 p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	41	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), Cloudy
Actual sunshine, hours, 0 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind 328
Average hourly velocity, 13.7 Extreme velocity, 23
Maximum velocity, 21 Direction, S
Time began, 8:40 a. m.
Reduced barometer, 29.70 7 a. m. 29.48 7 p. m.
River gage, 1.5 feet
Relative humidity, 78 7 a. m. 84 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time.

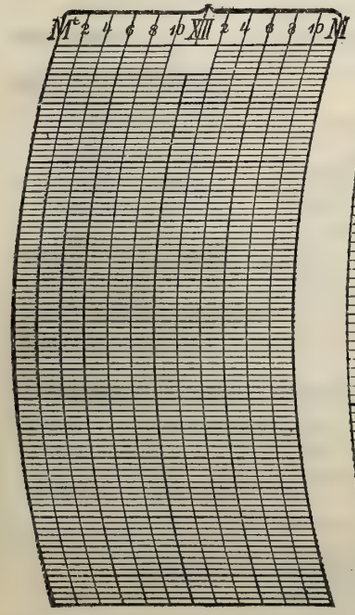
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

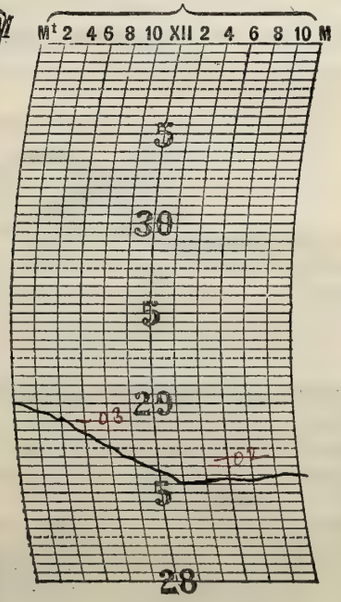
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 45.0 Wet temperature, 43.7
Dew-point, 42 R. humidity, 91 V. pressure, .266
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

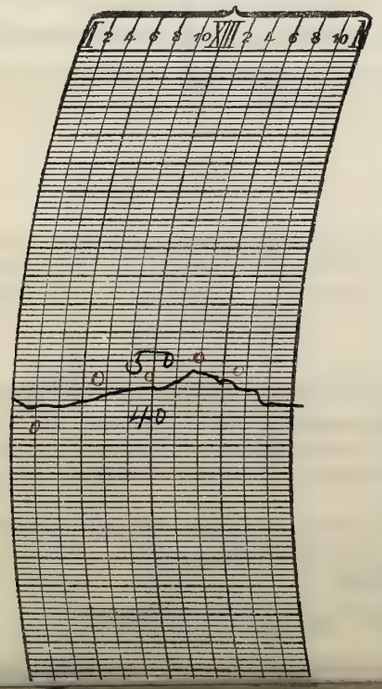
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was overcast the greater part of the day with a light sprinkle lasting most of the time from early morning till the middle of the afternoon. The clouds cleared away for a while in the evening but it became over cast later at night.
Little variation in temperature.

Prepared by O.E.R.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 22 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	41	40	40	40	39	39	40	41	41	41	42	41	40	39	39	38	38	36	35	34	35	34
State of weather. Nature of precipitation and time of beginning and ending																						RB 9:45	RE 10:30 SnB 10:30	SnE DN
Amounts of precipitation																						—	—	—
Cloudiness and other conditions							← Cloudy						→ Cloudy											

Sunrise: Time, 6:37 Character, Cloudy
Moonrise: 1:35 a Cloudy
Sunset: Time, 4:18 Character, Cloudy
Moonset: 2:10 p Cloudy

Sunshine (in tenths of hours)							0	0	0	0	0	0	0.4	0.1	0	0	0							
Wind direction	W	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	W	W
Wind movement	12	12	12	11	13	12	14	12	13	13	16	16	16	16	17	13	15	11	11	15	14	11	13	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

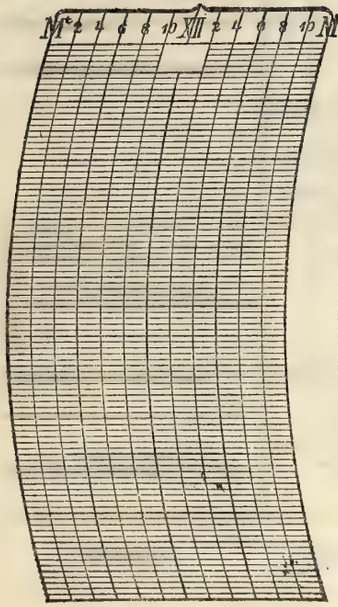
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	34	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.5 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 5
Prevailing wind direction, W Total wind 318
Average hourly velocity, 13.2 Extreme velocity, 22
Maximum velocity, 20 Direction, W
Time began, 2:26 p. m.
Reduced barometer, 29.54 7 a. m. 29.62 7 p. m.
River gage, 1.6 feet
Relative humidity, 88 7 a. m. 71 7 p. m.

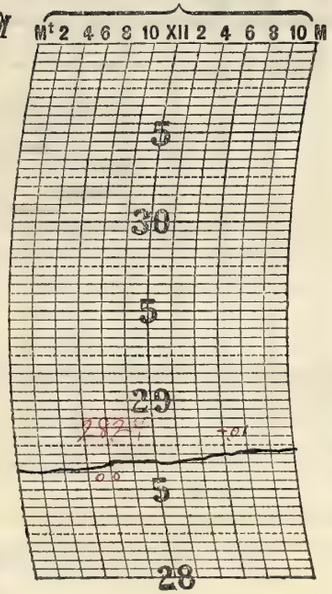
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.2 Wet temperature, 38.0
Dew-point, 34 R. humidity, 75 V. pressure, .195
Clouds: Amount, 10; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

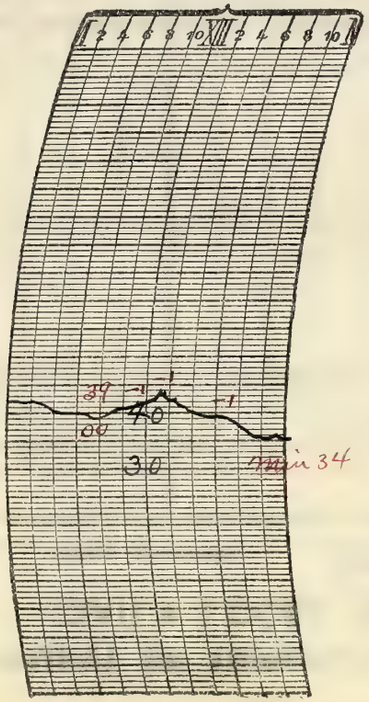
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was overcast the greater part of the day and showers threatened at times. A light rain fell at night p. m. with a light flurry of snow.

Temperatures about normal but the day seemed cold on account of a strong west wind.

Prepared by O.E.R.
Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 23 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	34	34	34	34	34	34	35	36	37	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								←			Cloudy	
Sunrise: Time, Character							6:38 Cloudy					
Moonrise:							2:41a Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	9	8	7	6	7	7	8	9	9	10	10

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	40	40	40	40	40	40	39	38	38	39	39
State of weather: Nature of precipitation and time of beginning and ending							RB 6:15	—	—	RE DN		
Amounts of precipitation							—	—	—	—		
Cloudiness and other conditions							→					
Sunset: Time, Character									4:17 Cloudy			
Moonset:									2:43p Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW
Wind movement	12	10	9	9	6	4	6	9	7	8	8	7

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

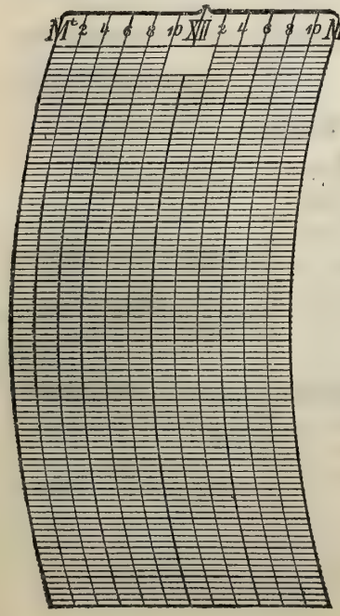
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	34	38	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 196
Average hourly velocity, 8.2 Extreme velocity, 16
Maximum velocity, 15 Direction, W
Time began, 12:29 am
Reduced barometer 29.71 7 a. m. 29.64 7 p. m.
River gage, 1.5 feet
Relative humidity, 75 7 a. m. 78 7 p. m.

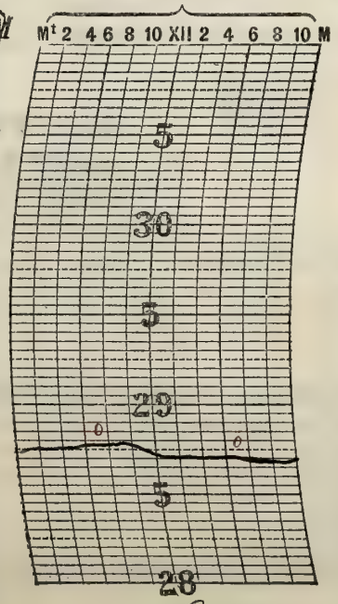
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.0 Wet temperature, 35.5
Dew-point, 31 R. humidity, 72 V. pressure, .172
Clouds: Amount, 9; Kind, Stra; Direction, W
Velocity of clouds (miles per hour)

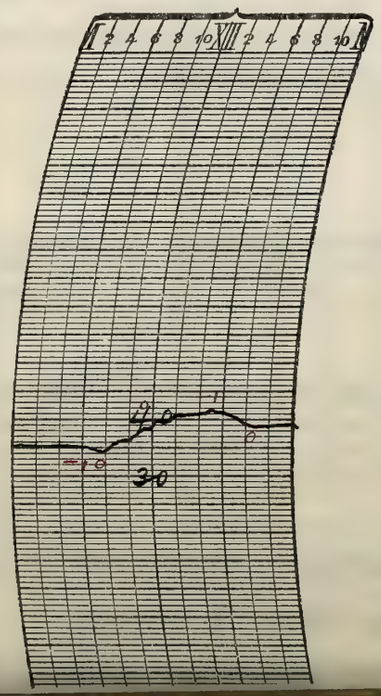
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow to 7 a.m. Trace.
A cloudy day with only a small range in temperature. A light rain fell during the night p.m.

Prepared by O.G.R.
Verified by P. McDonough

FORM NO. 1012—MOT 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 24 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	34	34	34	34	32	32	32	32	31	30
State of weather: Nature of precipitation and time of beginning and ending				RB DN	—	—	RE 6:15 Sm B 6:15	Sm E 7:50			Sd B 10:15	—
Amounts of precipitation				—	—	—	—	—			—	—
Cloudiness and other conditions							Cloudy					
Sunrise: Time, Character,	6:39 Cloudy											
Moonrise:	3:51 a Cloudy											
Sunshine (in tenths of hours)							0	0	0	0.1	0	0
Wind direction	W	W	SW	SW	SW	W	W	W	W	W	W	W
Wind movement	10	5	6	6	8	11	16	16	18	17	16	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	29	29	28	27	27	26	26	26	25	25
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	—	Sd E 4:10							
Amounts of precipitation	—	—	—	—	—							
Cloudiness and other conditions												
Sunset: Time, Character,									4:16 Cloudy			
Moonset:									3:18 p Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	16	13	14	13	12	13	13	12	12	13	12

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

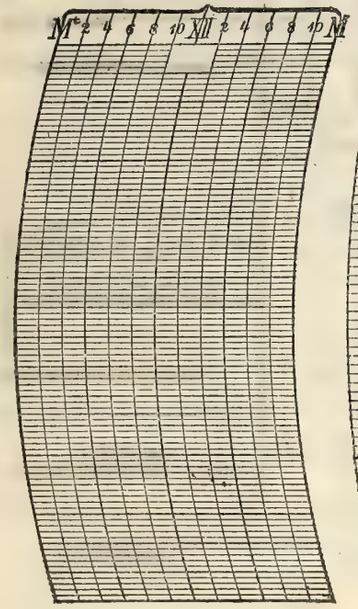
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	25	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 1
Prevailing wind direction, SW-W Total wind 304
Average hourly velocity, 12.7 Extreme velocity, 22
Maximum velocity, 21 Direction, W
Time began, 12:43 p m
Reduced barometer, 29.75 7 a. m. 30.01 7, p. m.
River gage, 1.6 feet
Relative humidity, 95 7 a. m. 59 7 p. m.

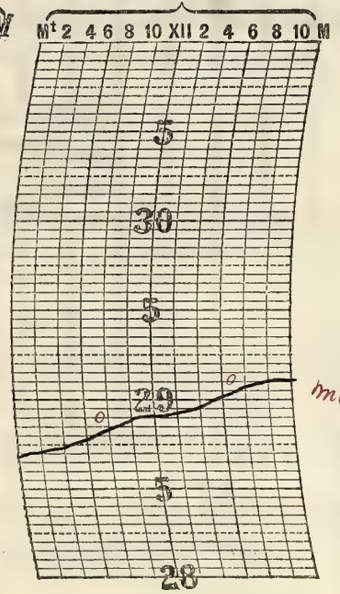
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.0 Wet temperature, 27.0
Dew-point, 22 R. humidity, 68 V. pressure, .113
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

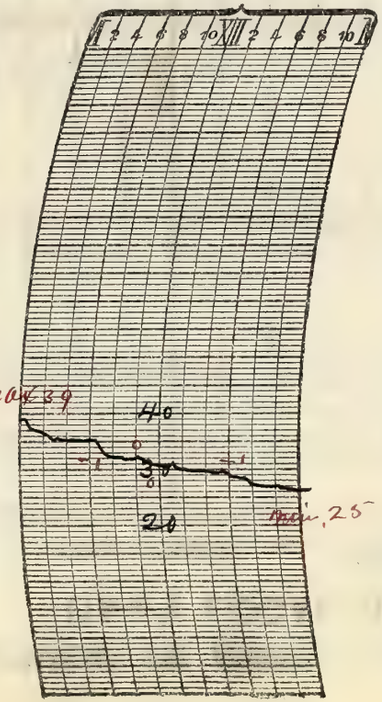
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snow to 7 a.m. Trace.
A light rain which started during the night a.m. turned to snow in the early morning. Snow flurries continued for the greater part of the day although the fall was very light.
The sky was cloudy all day and into the night. Temperatures fell gradually all day and were below freezing after 7 a.m.

Prepared by C.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 25 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	25	24	24	24	24	24	26	29	31
State of weather: Nature of precipitation and time of beginning and ending			SnB DN	— —	SnE DN							
Amounts of precipitation			—	—	—							
Cloudiness and other conditions						← cldy			× clear			×
Sunrise: Time, Character,	6:41 Cloudy											
Moonrise:	5:04a Cloudy											
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW
Wind movement	10	10	8	7	9	7	6	8	11	12	16	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	32	30	30	29	29	28	30	30	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Pt cldy × cldy			×			clear			→		
Sunset: Time, Character,									4:16 Cloudy			
Moonset:									3:58p Cloudy			
Sunshine (in tenths of hours)	0.2	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	13	13	11	11	11	10	11	13	12	11	12	14

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	24	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 4.2 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 44
Prevailing wind direction, SW Total wind 261
Average hourly velocity, 10.9 Extreme velocity, 22
Maximum velocity, 19 Direction, SW
Time began, 10:25 a m
Reduced barometer, 30.14 7 a. m. 30.24 7 p. m.
River gage, 1.6 feet
Relative humidity, 74 7 a. m. 67 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

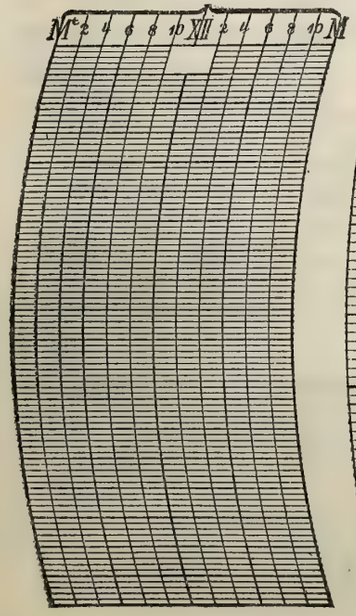
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

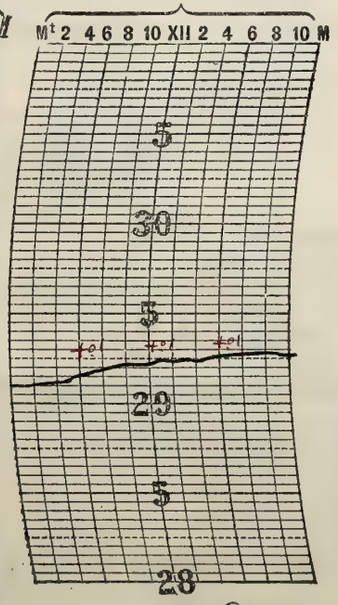
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.2 Wet temperature, 27.0
Dew-point, 19 R. humidity, 56 V. pressure, .098
Clouds: Amount, 5; Kind, Stcu; Direction, SW
Velocity of clouds (miles per hour)

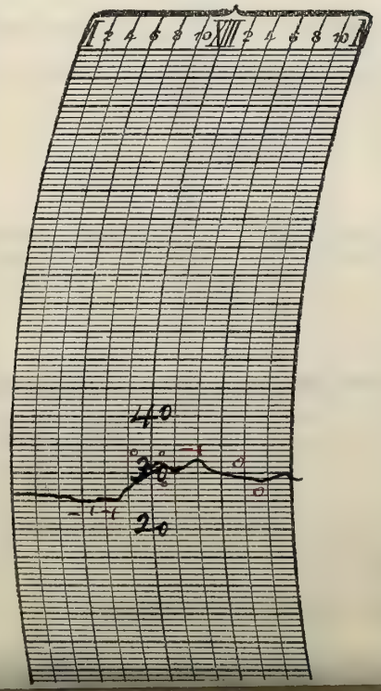
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The amount of cloudiness varied considerably during the day. Clear after nightfall. Stars bright.

The temperatures were mostly below freezing and varied only slightly during the 24 hours.

Snowfall to 7 am Trace. Snow on ground at 7 a m Trace.

Two p. m (75th MT) observation ordered by Chicago.

Prepared by O.K.R.
Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 26 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	30	32	33	33	33	34	37	41	44	47	49	50	49	47	45	43	42	43	44	44	44	43
State of weather: Nature of precipitation and time of beginning and ending																								RB DN
Amounts of precipitation																								—
Cloudiness and other conditions							←				Clear							×		Cloudy				→
Sunrise: Time, Character	6:42 Clear																							
Moonrise	6:18a Clear																							
Sunset: Time, Character																					4:15 Cloudy			
Moonset																					4:44p Cloudy			
Sunshine (in tenths of hours)							.3 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	15	15	15	15	16	14	15	14	16	18	18	17	20	20	19	19	19	18	18	18	18	23	18	14
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	29	40	

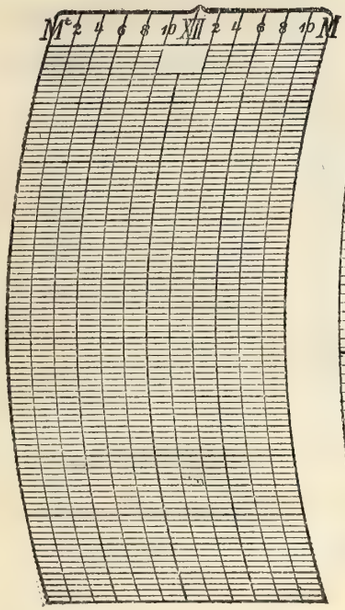
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, New moon 1:46 a.m.
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 96
Prevailing wind direction, S Total wind 412
Average hourly velocity, 17.2 Extreme velocity, 38
Maximum velocity, 29 Direction, S
Time began, 9:37 p.m.
Reduced barometer, 30.18 7 a. m. 30.04 7 p. m.
River gage, 1.6 feet
Relative humidity, 82 7 a. m. 47 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

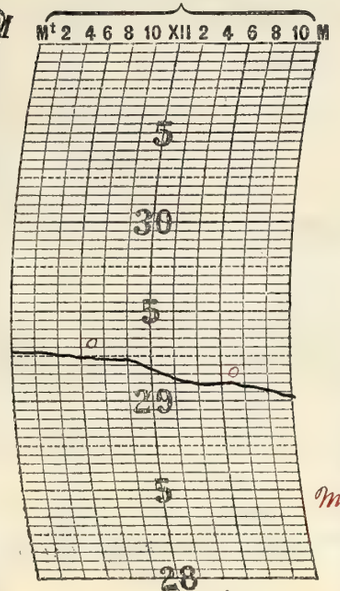
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.4 Wet temperature, 38.0
Dew-point, 25 R. humidity, 39 V. pressure, .130
Clouds: Amount, Few; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

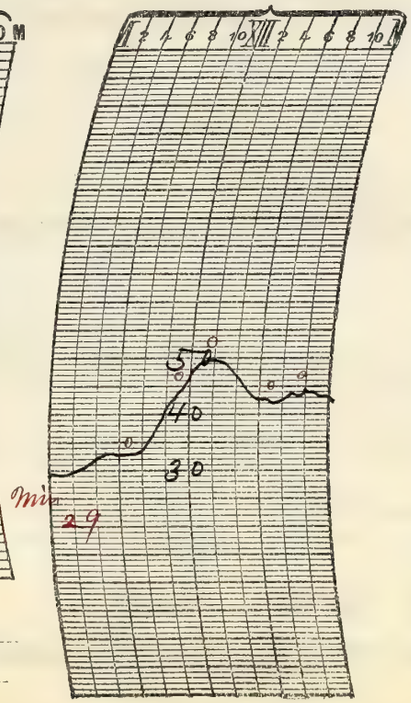
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. * By eye observation.

The sky was mostly clear until about sunset. Cloudy into the night with a small shower during the night p.m. Rising temperature and strong southerly winds

Prepared by O.R.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 27 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	39	37	37	37	35	34	33	33	32	34	35
State of weather. Nature of precipitation and time of beginning and ending	- -	RE DN		RB DN	- - -	RE DN	SmB 6:35	SmE 7:05 SmB 7:50	- -	SmE 9:40		
Amounts of precipitation	—	—		—	—	—	—	—	—	—		
Cloudiness and other conditions						←		Cloudy				

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	36	35	33	33	32	31	31	31
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			×		Pt cldy			×		Clear		→

Sunrise: Time, 6:43 Character, Cloudy
Moonrise: 7:31 a Cloudy

Sunset: Time, 4:15 Character, Cloudy
Moonset: 5:34 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0.3	0.6
Wind direction	S	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	22	17	15	14	14	15	15	14	17	17	18
Maximum velocities (exceeding 29 miles) direction and time		30 SW 10 2										

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	0.7	0.4	0.1	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	19	18	15	14	9	10	8	8	10	8	8

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

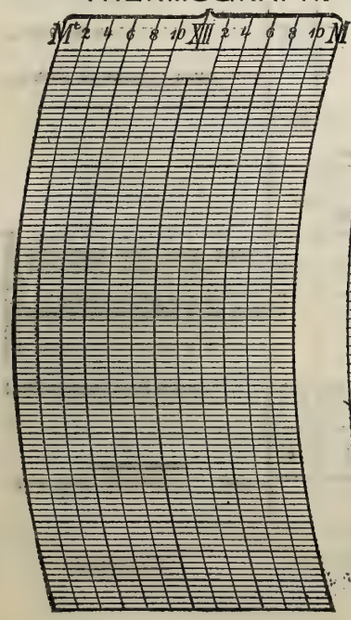
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	31	37	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.1 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 33
Prevailing wind direction, SW Total wind 336
Average hourly velocity, 14.0 Extreme velocity, 34
Maximum velocity, 30 Direction, SW
Time began, 10 2 a.m.
Reduced barometer 29.92 7 a. m. 30.02 7 p. m.
River gage, 1.7 feet
Relative humidity, 90 7 a. m. 52 7 p. m.

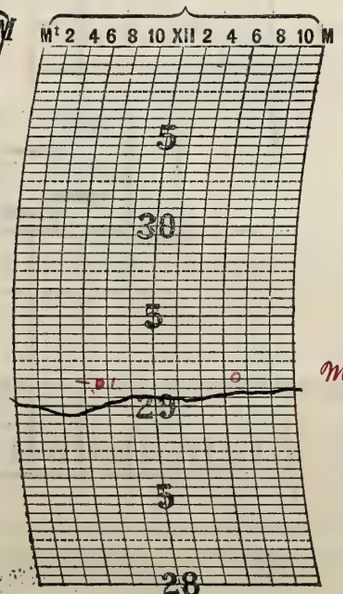
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.2 Wet temperature, 30.0
Dew-point, 21 R. humidity, 53 V. pressure, .108
Clouds: Amount, 8; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

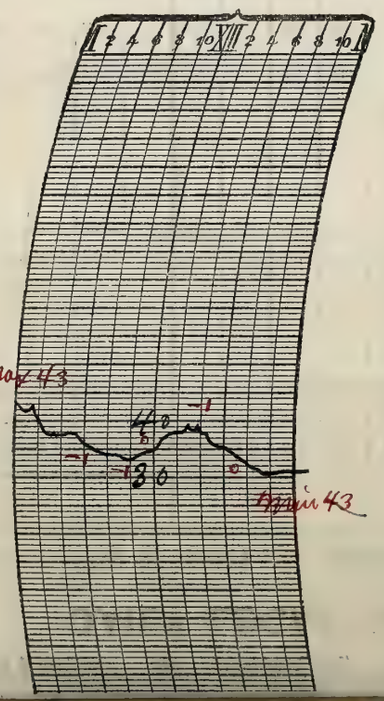
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snowfall to 7 am Trace. Snow on ground at 7 am Trace. Snowfall to 7 p.m. Trace.
Cloudy during the forenoon with light snow flurries. Decreasing cloudiness during the afternoon. Clear at night. Stars bright.

Prepared by O.E.R.
Verified by P. McDonough

Form No. 1012—Nov. 1.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 28 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	28	27	26	25	24	23	25	28	31	31	32	32	32	31	31	30	29	28	27	26	26	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear													
Sunshine (in tenths of hours)							0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	0.1 0.9	2.5 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	W	SW
Wind movement	7	8	6	6	6	5	6	7	10	9	9	11	9	9	9	10	6	7	7	8	4	6	9	8

Sunrise: Time, 6:44 Character, Cloudy
Moonrise: 8:39 a Cloudy
Sunset: Time, 4:15 Character, Clear
Moonset: 6:34 p Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	23	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 7.0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 74
Prevailing wind direction, SW Total wind 182
Average hourly velocity, 7.6 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 10:42 a.m.
Reduced barometer, 30.04 7 a. m. 30.03 7, p. m.
River gage, 1.6 feet
Relative humidity, 94 7 a. m. 49 7 p. m.

Maximum velocities (exceeding 29 miles) direction and time.

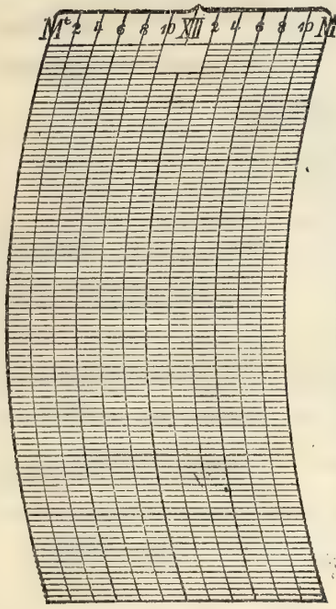
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

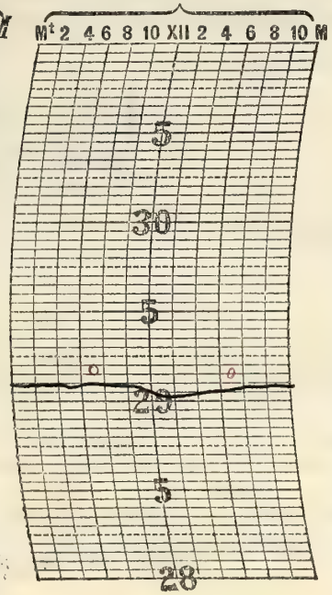
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.0 Wet temperature, 24.6
Dew-point, 9 R. humidity, 35 V. pressure, .060
Clouds: Amount, 1; Kind, a St; Direction, W
Velocity of clouds (miles per hour)

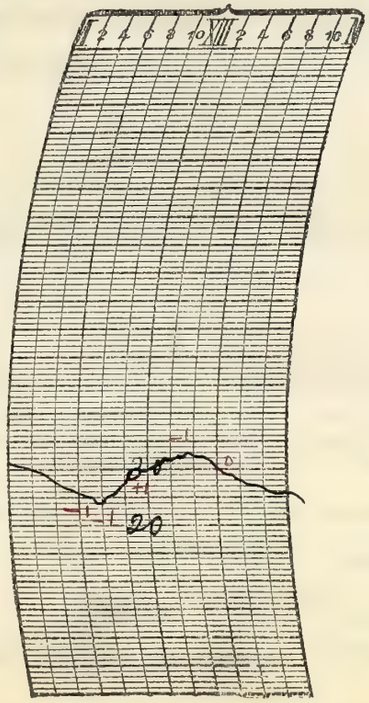
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with temperatures slightly below freezing the greater part of the time. Clear at night.

Prepared by OEB.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 29 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	23	23	22	22	22	24	23	25	25
Nature of precipitation and time of beginning and ending			SdB ON	— — —		SdE ON						
Amounts of precipitation			—	—	—	—						
Cloudiness and other conditions					← Pt cloudy							×
Sunrise: Time, 6:45 Character, Cloudy												
Moonrise: 9:41 a Cloudy												
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	1.0	1.0
Wind direction	SW	SW	W	W	W	W	SW	SW	W	W	W	W
Wind movement	8	5	8	8	9	8	6	7	13	12	13	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	28	26	25	23	21	21	22	22	22	22
Nature of precipitation and time of beginning and ending									SdB 8:30	— — —	— — —	— — —
Amounts of precipitation									—	—	—	—
Cloudiness and other conditions			Cloudy ×	Pt cldy	×		Cloudy			×		
Sunset: Time, 4:14 Character, Cloudy												
Moonset: 7:39 p Cloudy												
Sunshine (in tenths of hours)	0.7	0.2	0	0	0							
Wind direction	W	W	W	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	15	14	11	10	9	14	12	11	11	12	10	10

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

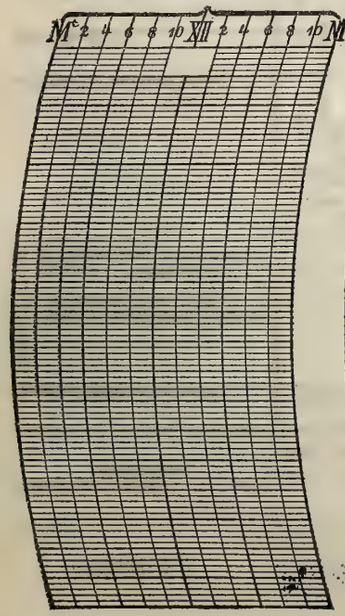
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	21	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.5 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.1 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 54
Prevailing wind direction, W Total wind 249
Average hourly velocity, 10.4 Extreme velocity, 19
Maximum velocity, 17 Direction, W
Time began, 12:56 p.
Reduced barometer, 30.05 7 a. m. 29.97 7 p. m.
River gage, 1.6 feet
Relative humidity, 72 7 a. m. 71 7 p. m.

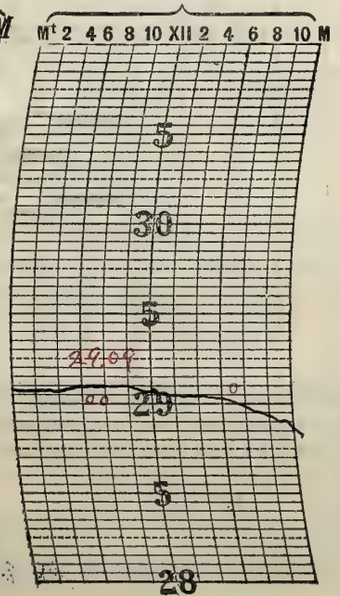
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 25.1 Wet temperature, 22.3
Dew-point, 16 R. humidity, 65 V. pressure, 0.86
Clouds: Amount, 8; Kind, Stau; Direction, N.W.
Velocity of clouds (miles per hour)

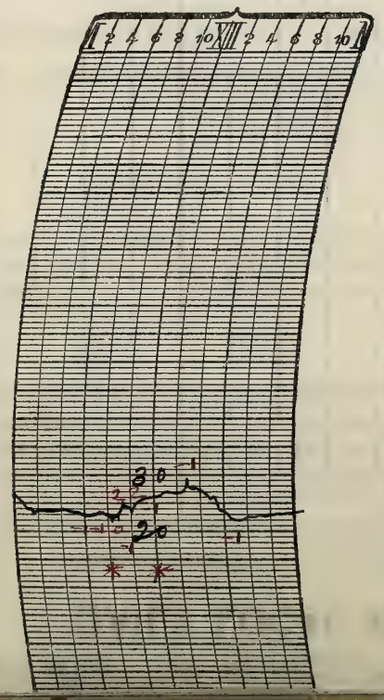
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. * Estimated.

Snowfall at 7 a.m., Trace. Snow on ground at 7 a.m., Trace.

A partly cloudy day with a light snow in the early morning and a moderate snow during the night p.m.

* Record interpolated 5 a.m. to 12 noon.

Prepared by O.E.R.

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 30 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	22	22	22	22	22	23	23	24	25	24
State of weather: Nature of precipitation and time of beginning and ending	Sd E ON						Sd B 6:30	- - -	- - -	- - -	- - -	- - -
Amounts of precipitation	–						–	–	–	–	–	–
Cloudiness and other conditions						←	Cldy					
Sunrise: Time, Character	6:46 Cloudy											
Moonrise:	10:34a Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	SW	SW	S	W	W	W	W	NW	W
Wind movement	7	8	7	7	7	5	8	9	8	8	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	27	27	26	25	24	22	22	20	18	16	15
State of weather: Nature of precipitation and time of beginning and ending	Sd E 12:10			Sd B 3:15	Sd E 4:30							
Amounts of precipitation	–			–	–							
Cloudiness and other conditions			Xpt Cldy	X	Cldy	X	Clear X Cldy	X	Clear	X		
Sunset: Time, Character									4:14 Cloudy			
Moonset:									8:46p Clear			
Sunshine (in tenths of hours)	0.9	1.0	0.2	0	0							
Wind direction	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	13	13	13	9	9	8	13	10	9	10	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

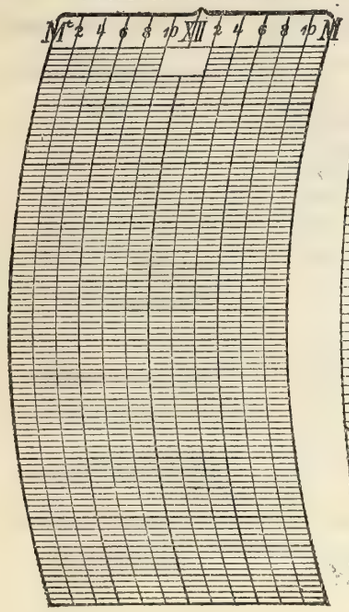
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	15	21	

Total depth of snow for 24 hours ending 7 p. m., 1.1 inches.
Snow, sleet, and hail on ground 7 p. m., 1.1 inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.1 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 22
Prevailing wind direction, W Total wind 220
Average hourly velocity, 9.2 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 3:14 p.m.
Reduced barometer, 29.74 7 a. m. 30.12 7, p. m.
River gage, 1.6 feet
Relative humidity, 82 7 a. m. 93 7 p. m.

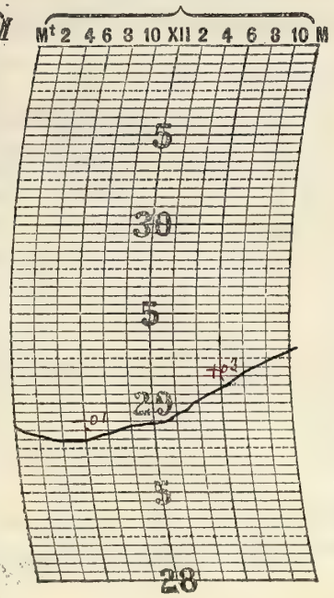
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.3 Wet temperature, 23.5
Dew-point, 22 R. humidity, 90 V. pressure, 113
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

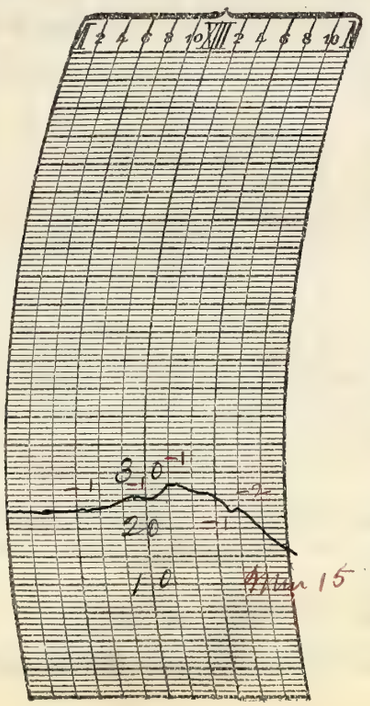
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. * Estimated.

Snowfall to 7 am 1.0 inch. Snow on ground at 7 a.m. 1.0 in. Snowfall 7 am to 7 pm 0.1 inch.

Cloudy the greater part of the day with light snow all forenoon and light flurries in the afternoon. At night the sky was alternately clear and cloudy with clear late at night.

Prepared by O.E.R.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 1 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	12	11	12	10	10	10	11	16	19	21	23
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							←				Clear	
Sunshine (in tenths of hours)							.22 0	1.0 0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	W
Wind movement	9	8	8	8	7	8	6	7	7	7	5	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	26	26	24	23	23	21	21	19	19	18
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								→				
Sunshine (in tenths of hours)	1.0	1.0	1.0	.04 0.6	.23 0							
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	9	8	6	6	5	4	3	5	5	5

Maximum velocities (exceeding 29 miles) direction and time.

Sunrise: Time, 6:47 Character, Clear
Moonrise: 11:19 a Clear

Sunset: Time, 4:14 Character, Clear
Moonset: 9:55 p Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

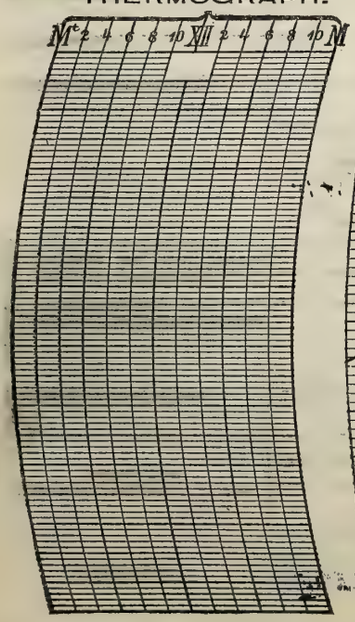
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	10	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 160
Average hourly velocity, 6.7 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 2:12 p. m.
Reduced barometer, 30.47 7 a. m. 30.58 7 p. m.
River gage, 1.7 feet
Relative humidity, 83 7 a. m. 71 7 p. m.

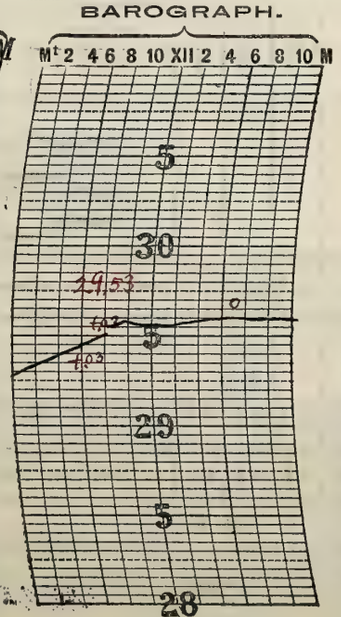
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.8 Wet temperature, 20.5
Dew-point, 15 R. humidity, 69 V. pressure, .081
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

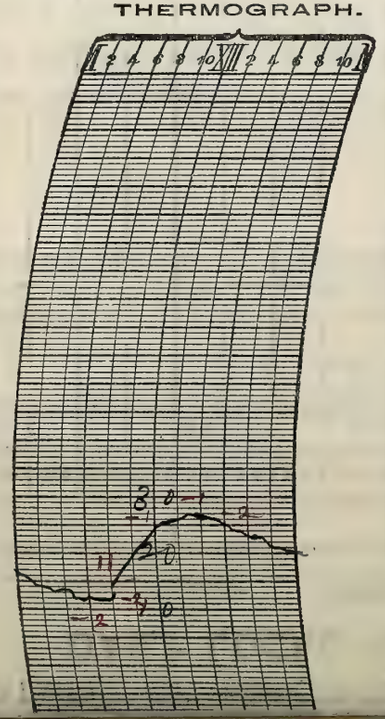
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was cloudless the entire day. Stars bright; pale moonlight.
The temperature was somewhat below the seasonal average.
The minimum temperature, 9.5 degrees, shortly after 7 a.m., is the lowest on record for December 1, since the station was established in 1911.
Streets and sidewalks slippery in places from packed snow.

Prepared by O.E.R.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 2 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	15	15	15	14	14	16	21	24	28	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunshine (in tenths of hours)							20 0	0.8 0.2	1.0	1.0	1.0	1.0
Wind direction	SW	S	S	S	S	S	S	S	S	S	S	S
Wind movement	6	5	8	9	8	9	9	10	14	17	16	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	34	35	34	33	31	31	31	33	35	36	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				X8+	cldy	X	clear	X	cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	17	17	15	13	13	13	16	15	14	18	20	21

Sunrise: Time, 6:48 Character, Clear
Moonrise: 11:58a Clear
Sunset: Time, 4:13 Character, Cloudy
Moonset: 11:01p Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

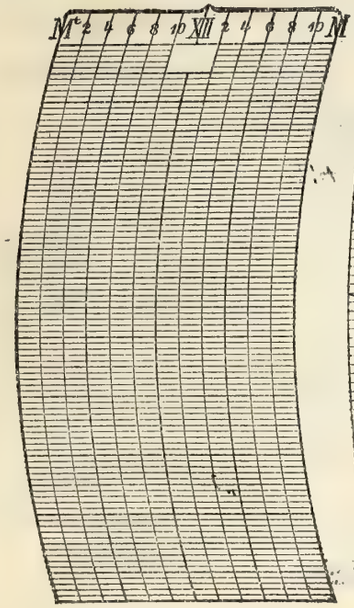
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	14	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.8 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 94
Prevailing wind direction, S Total wind 321
Average hourly velocity, 13.4 Extreme velocity, 26
Maximum velocity, 24 Direction, SW
Time began, 10:55 p.m.
Reduced barometer, 30.52 7 a. m. 30.24 7 p. m.
River gage, 1.7 feet
Relative humidity, 74 7 a. m. 49 7 p. m.

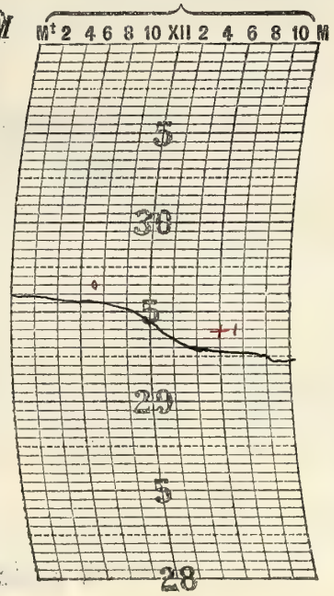
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.8 Wet temperature, 26.3
Dew-point, 18 R. humidity, 53 V. pressure, .093
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

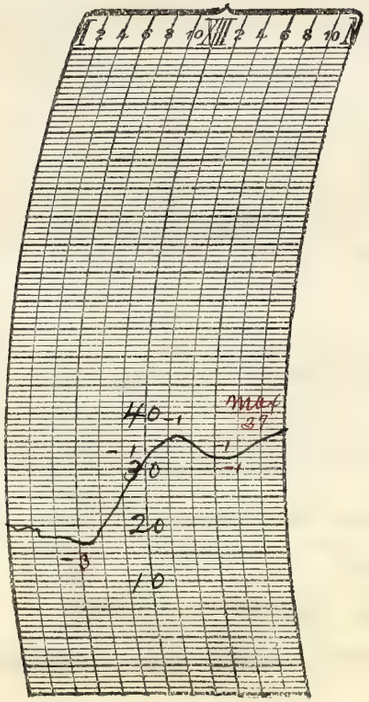
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was cloudless until near the middle of the afternoon. Thin upper clouds appeared about 3 p.m. and the sky became over cast with alto-cumulus clouds in a short while about 7:30 p.m. Cloudy into the night.

The temperature rose rapidly and there was some melting during the afternoon. Streets and sidewalks slippery in some places during the morning.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 3 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	34	34	35	35	35	36	36	37	38	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy					
Sunshine (in tenths of hours)							0	0	0	0.4	0.8	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	17	17	14	12	14	13	13	12	12	11	10

Sunrise: Time, 6:49 Character, Cloudy
Moonrise: 12:33p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	41	41	39	39	38	37	37	37	37	36	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Lt Fog					→
Sunshine (in tenths of hours)	1.0	1.0	0.6	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	W	W
Wind movement	9	8	8	7	5	4	5	4	4	2	1	3

Sunset: Time, 4:13 Character, Cloudy
Moonset: — —

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

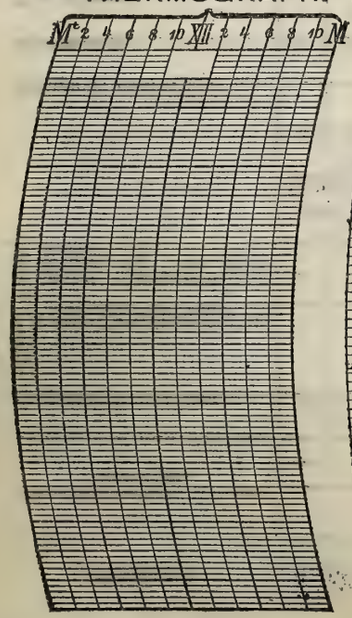
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	34	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, Full Quarter 3:40 a.m.
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 48 Possible sunshine, hours, 94
Per cent of possible sunshine, 51
Prevailing wind direction, SW Total wind 217
Average hourly velocity, 9.0 Extreme velocity, 23
Maximum velocity, 21 Direction, SW
Time began, 1:16 a.m.
Reduced barometer, 30.19 7 a. m. 30.29 7 p. m.
River gage, 17 feet
Relative humidity, 73 7 a. m. 89 7 p. m.

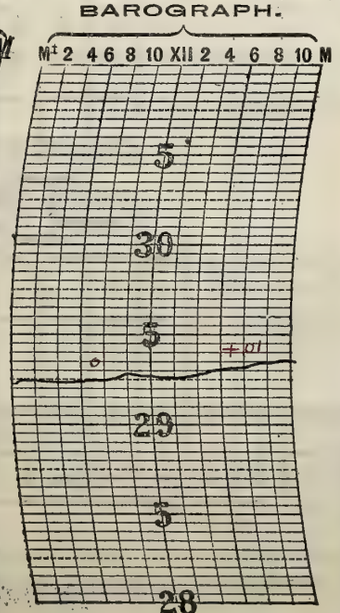
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.0 Wet temperature, 35.3
Dew-point, 32 R. humidity, 77 V. pressure, 180
Clouds: Amount, 8; Kind, Ast; Direction, W
Velocity of clouds (miles per hour)

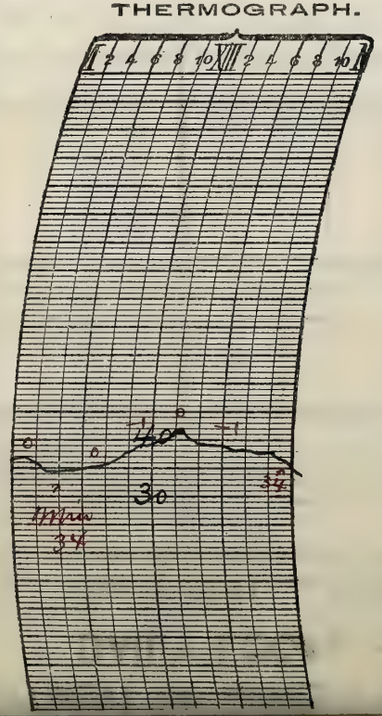
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was mostly overcast the entire day altho the disc of the Sun was visible through the thin clouds during the middle of the day.
Moderate temperatures.
Snow on ground at 7 am, Trace
The snow disappeared during the day.
Light fog from 4:00 p.m to during the night p.m.

Prepared by O.K.R.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 4 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	34	33	33	33	33	33	33	32	33	33	34	35	36	36	36	35	35	34	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending						S m B 5:45	—	—	—	—	—	—	—	S m E 1:30										RB DN
Amounts of precipitation						—	—	—	—	—	—	—	—	—										—
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	N	NE	NE	NE	NE	NE	E	E	E	E	E	NE	NE	NE	E	E	E	E	E	E	E	E	E	E
Wind movement	5	8	7	9	10	9	10	10	9	11	12	10	13	15	12	14	14	14	15	18	16	17	15	13

Sunrise: Time, 6:50 Character, Cloudy
Moonrise: 1:04 p Cloudy
Sunset: Time, 4:13 Character, Cloudy
Moonset: 12:06 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

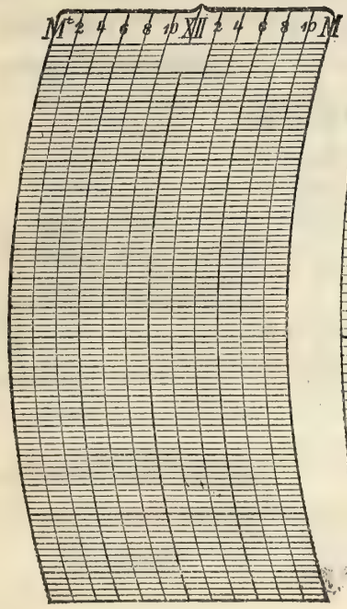
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	32	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 286
Average hourly velocity, 11.9 Extreme velocity, 24
Maximum velocity, 22 Direction, E
Time began, 7:25 p.
Reduced barometer, 30.35 7 a. m. 30.18 7 p. m.
River gage, 16 feet
Relative humidity, 90 7 a. m. 82 7 p. m.

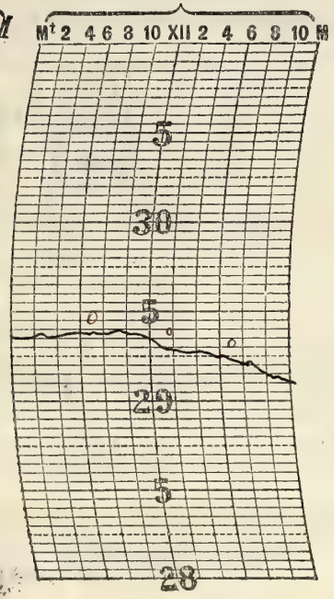
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.4 Wet temperature, 31.8
Dew-point, 29 R. humidity, 84 V. pressure, 157
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

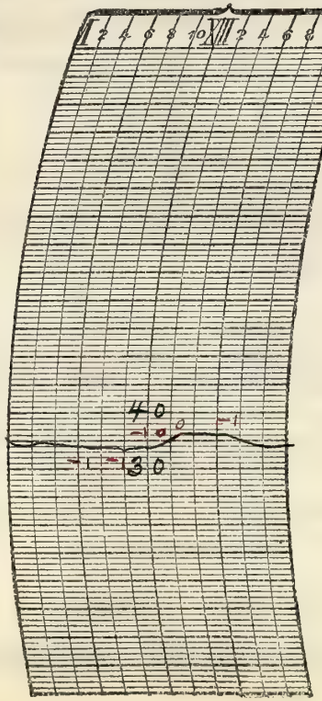
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snowfall to 7 am Trace.
The sky was overcast all day with light snow flurries from early morning until past noon. The total amount of snowfall was very light.
Temperatures were slightly above freezing and the range was small.
Strong winds from the east during the afternoon and night.

Two p.m. Special observation (75 mt) ordered by Chicago.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 5 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	33	34	35	36	37	43	45	47	46	46
State of weather: Nature of precipitation and time of beginning and ending	Rain continued				–	—	– –	—	—	–	—	RE 11:15
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions							←					Cloudy
Sunrise: Time, 6:51 Character, Cloudy												
Moonrise: 1:33 p Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0.3
Wind direction	E	E	E	E	E	E	E	E	SE	SE	S	S
Wind movement	11	16	13	14	15	11	7	7	12	13	15	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	41	40	39	37	36	36	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending		RB 1:50	– –	—	—	– –	—	RE 7:10				
Amounts of precipitation		–	–	–	–	–	–	–				
Cloudiness and other conditions								→				
Sunset: Time, 4:13 Character, Cloudy												
Moonset: 11:08 a Cloudy												
Sunshine (in tenths of hours)	0.3	0	0	0	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	19	18	19	16	17	13	15	14	15	13	18

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

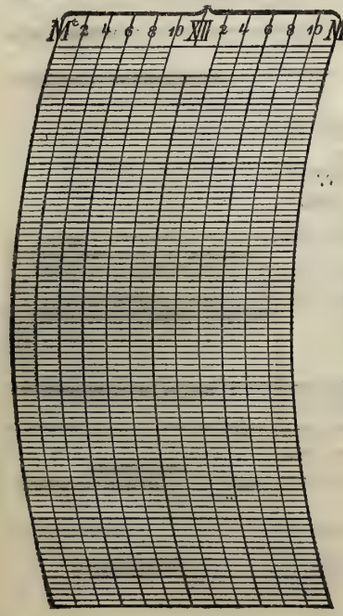
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	32	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .66 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .69 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.6 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 6
Prevailing wind direction, SW Total wind 344
Average hourly velocity, 14.3 Extreme velocity, 27
Maximum velocity, 24 Direction, SW
Time began, 3:02 p.m.
Reduced barometer 29.69 7 a. m. 29.74 7, p. m.
River gage, 1.8 ft.
Relative humidity, 100 7 a. m. 95 7 p. m.

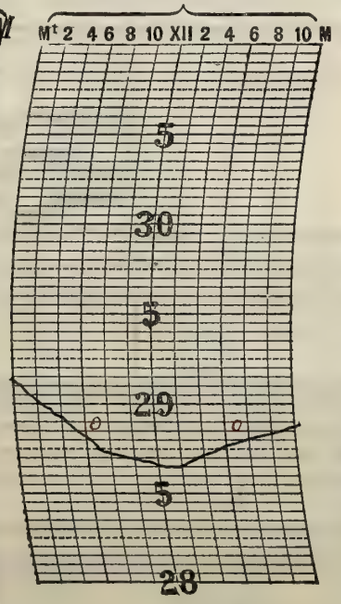
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.4 Wet temperature, 44.0
Dew-point, 42 R. humidity, 83 V. pressure, .266
Clouds: Amount, 9; Kind, Stcu; Direction, SW
Velocity of clouds (miles per hour)

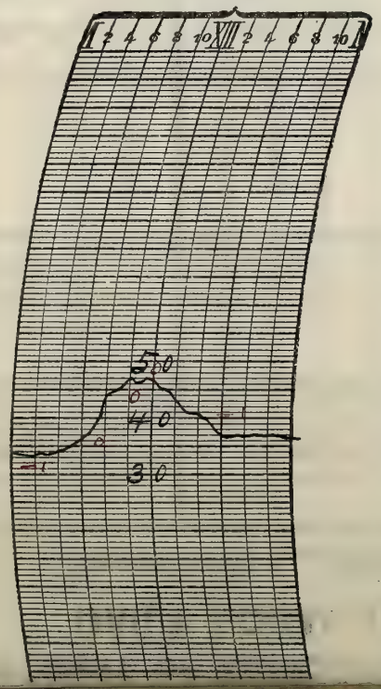
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

All thermometers wet from rain at a.m. observation.

A moderately heavy rain fell during the night a.m. and a light sprinkling continued at intervals during the greater part of day. The sky remained overcast into the night.

Temperatures somewhat above normal.

Prepared by O.E.R.

Verified by P. McDonnell

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 6 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	37	37	37	37	37	37	39	40	41	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0	0.4	0.4	0.5	0.2
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	19	15	13	13	14	12	8	11	10	12	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	46	46	46	47	47	48	46	46	45	45
State of weather: Nature of precipitation and time of beginning and ending						RB 5:05 RE 6:00			RB 8:15	— —	RE PR	
Amounts of precipitation						—			—	—	—	
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.8	0.6	0.4	0	0							
Wind direction	S	SE	SE	SE	SE	S	S	SW	SW	SW	SW	SW
Wind movement	11	6	9	8	9	8	10	11	14	12	9	6

Sunrise: Time, 6:52 Character, Cloudy
Moonrise: 2:07 p Cloudy
Sunset: Time, 4:13 Character, Cloudy
Moonset: 2:09 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

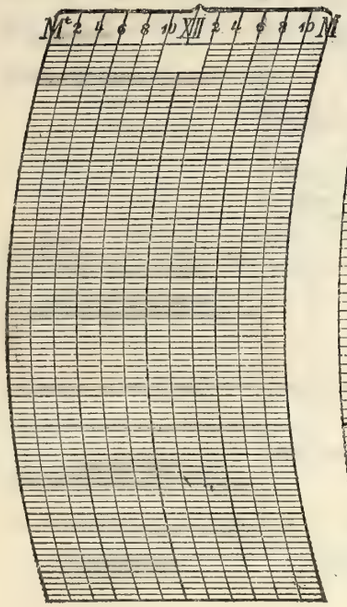
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	36	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.3 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 35
Prevailing wind direction, SW Total wind 259
Average hourly velocity, 10.8 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 12:47 a.m.
Reduced barometer, 29.96 7 a. m. 29.81 7 p. m.
River gage, 1.9 feet
Relative humidity, 87 7 a. m. 71 7 p. m.

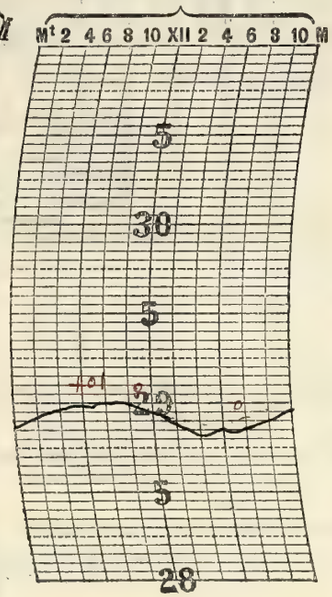
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.0 Wet temperature, 38.8
Dew-point, 35 R. humidity, 25 V. pressure, .203
Clouds: Amount, 10; Kind, St; Direction, S
Velocity of clouds (miles per hour)

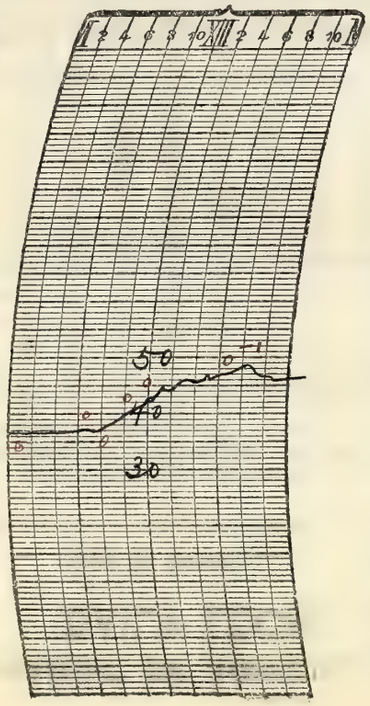
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Noon special (75th meridian time) observation ordered by Chicago.
The sky was generally overcast altho the sun shone through the clouds at times. Light showers occurred during the evening and night p. m.
Moderate temperatures.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 7 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	45	44	44	44	43	43	44	46	46	48	48	48	47	47	47	48	48	49	51	51	56
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:45	---	RE 6:05			RB 9:15	---	---
Amounts of precipitation																	—	—	—				—	—
Cloudiness and other conditions						←			← Lt. Fog			Cloudy					Dense	Fog				→		

Sunrise: Time, 6:53 Character, Cloudy
Moonrise: 2:31 p Cloudy
Sunset: Time, 4:13 Character, Cloudy
Moonset: 3:09 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	E	NE	NE	E	E	NE	NE	NE	NE	NE	NE	E	NE	E	E	E	NE	NE	SE
Wind movement	6	7	4	2	2	5	5	5	8	6	5	5	5	5	6	8	9	8	10	9	7	8	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

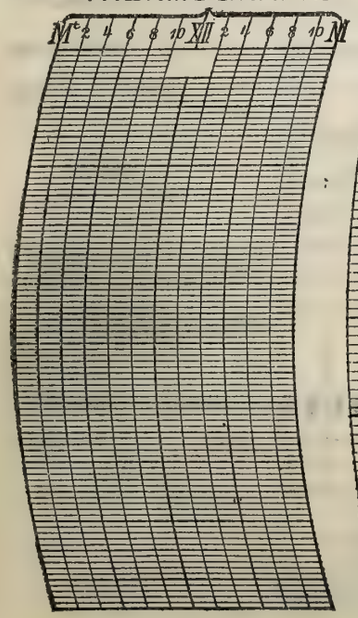
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	43	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.90 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 149
Average hourly velocity, 6.2 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 6:43 P.M.
Reduced barometer, 29.95 7 a. m. 29.85 7, p. m.
River gage, 1.9 fall
Relative humidity, 89 7 a. m. 100 7 p. m.

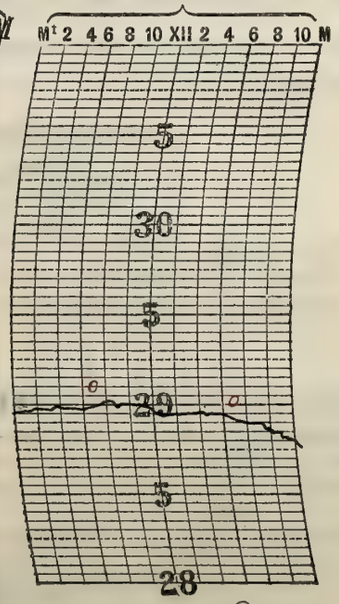
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.0 Wet temperature, 46.0
Dew-point, 46 R. humidity, 100 V. pressure, .310
Clouds: Amount, 10; Kind (Dense Fog); Direction, NE
Velocity of clouds (miles per hour)

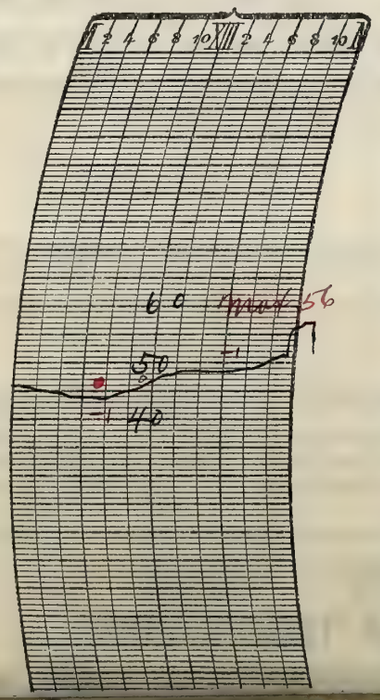
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. * Estimated

A cloudy day with light fog from 8:00 am to 11:15 am and dense fog from 11:15 am. to 9:00 p.m.
A light rain occurred during the evening and a heavy rain during the night p.m.
Moderate temperatures.

Prepared by O.E.P.
Verified by T. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 8 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	49	52	56	57	56	56	55	55	56	57	57
State of weather: Nature of precipitation and time of beginning and ending	-	-	-	-	RE 5:00							
Amounts of precipitation	–	–	–	–	–							
Cloudiness and other conditions										Cloudy		
Sunshine (in tenths of hours)							0	0	0.2	0	0	0
Wind direction	SE	W	NW	S	S	S	S	S	S	S	S	S
Wind movement	13	8	5	10	9	7	9	14	17	19	18	18

Sunrise: Time, 6:54 Character, Cloudy
Moonrise: 3:02 p Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	55	50	50	45	39	36	32	32	32	30
State of weather: Nature of precipitation and time of beginning and ending	RB 12:45	-	-	RE 3:10								
Amounts of precipitation	–	–	–	–								
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	17	18	15	18	20	20	23	21	22	22	22

Sunset: Time, 4:13 Character, Cloudy
Moonset: 4:09 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

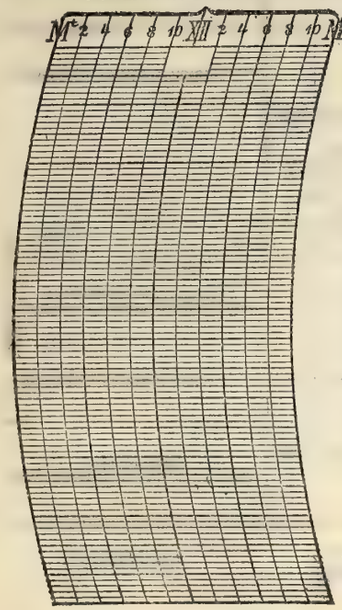
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	30	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.30 ins.; to 7 p. m., .32 ins.
Total precipitation, midnight to midnight, 1.72 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 2
Prevailing wind direction, S Total wind 381
Average hourly velocity, 15.9 Extreme velocity, 32
Maximum velocity, 27 Direction, SW
Time began, 10:15 p.m.
Reduced barometer, 29.954 7 a. m. 29.955 7, p. m.
River gage, 2.2 but
Relative humidity, 94 7 a. m. 72 7 p. m.

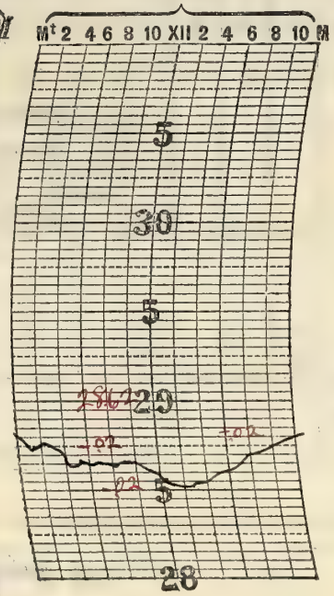
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 55.0
Dew-point, 54 R. humidity, 88 V. pressure, 417
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

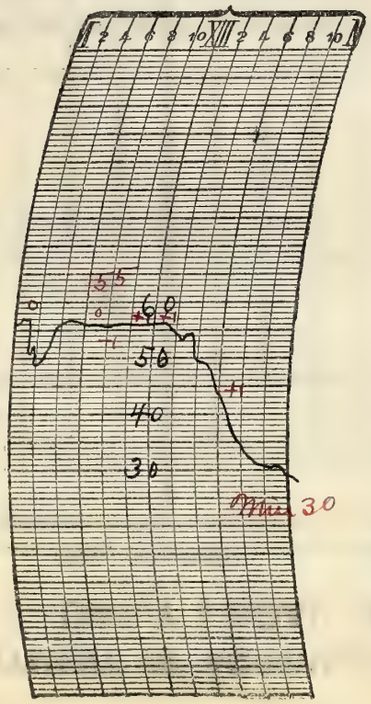
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. * Estimated.

A moderate rain continued from the previous date and ended in the early morning. A brisk shower fell in the afternoon.

The sky remained overcast the greater part of the day. Moon visible through rifts in the clouds.

The temperature was high during the early morning and until the middle of the afternoon. From 3 p. m. till 8 p. m. it fell quite rapidly. Strong winds from south and southwest.

Prepared by O.W.B.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 9 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	28	28	27	26	25	25	25	24	23	23
State of weather: Nature of precipitation and time of beginning and ending				SdB DN	SdE DN			SdB 7:20	---	--	-	---
Amounts of precipitation				—	—			—	—	—	—	—
Cloudiness and other conditions							←				Cloudy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	23	22	22	22	22	22	22	22	23
State of weather: Nature of precipitation and time of beginning and ending	--	-	-	-	-	-	-	-	-	SdE DN		
Amounts of precipitation	—	—	-	-	—	—	—	—	—	—		
Cloudiness and other conditions									→			

Sunrise: Time, 6:55 Character, Cloudy
Moonrise: 3:36 p Cloudy

Sunset: Time, 4:13 Character, Cloudy
Moonset: 5:06 a Cloudy

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	21	22	21	20	20	20	16	17	19	20	17	17
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	15	14	14	12	10	11	12	10	9	9	9
Maximum velocities (exceeding 29 miles) direction and time												

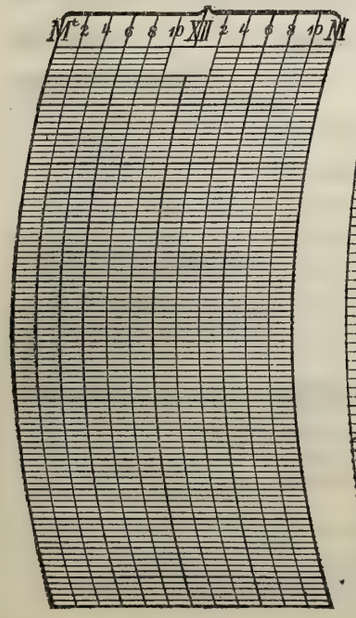
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	22	26	

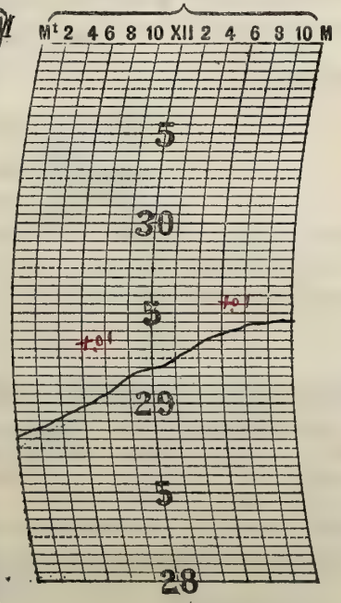
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 370
Average hourly velocity, 15.4 Extreme velocity, 29
Maximum velocity, 25 Direction, SW
Time began, 12:47 am.
Reduced barometer, 29.98 7 a. m. 30.38 7 p. m.
River gage, 3.4 feet
Relative humidity, 81 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 23.2 Wet temperature, 21.4
Dew-point, 17 R. humidity, 76 V. pressure, .089
Clouds: Amount, 10; Kind, S-b; Direction, NW
Velocity of clouds (miles per hour)

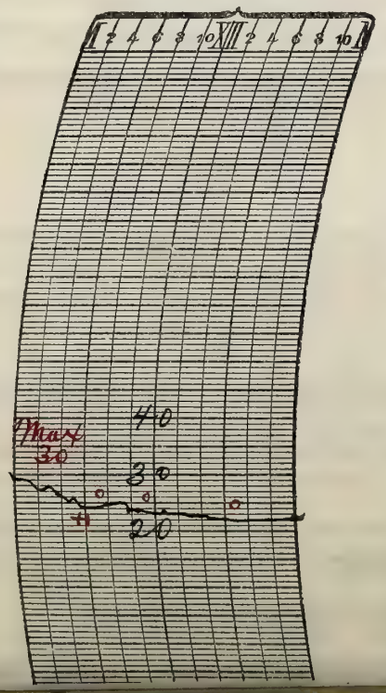
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light snow fell during the night a.m. and there were light snow flurries all day and into the night. The total amount of snow that fell was very small.

Temperatures slightly below the normal. The wind was strong from the southwest and west during the forenoon but gradually decreased afternoon.

Prepared by C.E.K.
Verified by T. McDonough

FORM NO. 1012—REV. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 10 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	22	22	20	19	18	17	18	22	23	26	27	28	29	27	26	26	26	26	27	27	26	26
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←					Clear					×	Pt cldy	×		Cloudy			→
Sunrise: Time, Character	6:55 Cloudy																							
Moonrise:	4:54 p Cloudy																							
Sunset: Time, Character																					4:13 Cloudy			
Moonset:																					6:03 a Cloudy			
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	8	8	9	7	6	6	6	8	6	10	11	9	9	9	8	8	7	6	6	7	8	8	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

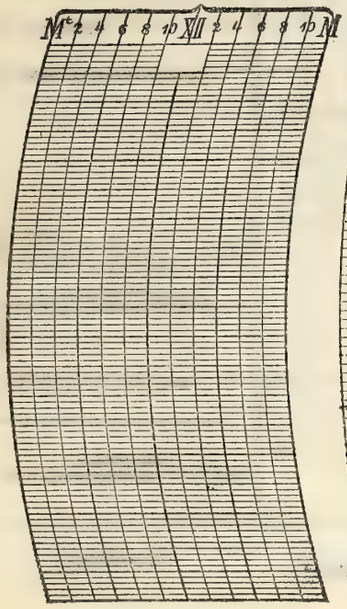
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	17	23	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.3 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 78
Prevailing wind direction, S.W. Total wind 184
Average hourly velocity, 7.7 Extreme velocity, 15
Maximum velocity, 14 Direction, S.W.
Time began, 9:55 a
Reduced barometer, 30.48 7 a. m. 30.36 7 p. m.
River gage, 3.4 feet
Relative humidity, 78 7 a. m. 69 7 p. m.

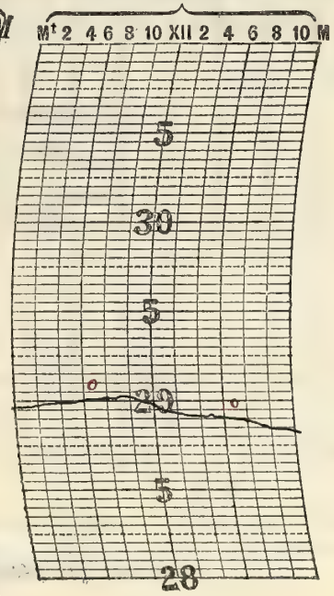
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 26.3 Wet temperature, 22.8
Dew-point, 15 R. humidity, 58 V. pressure, .081
Clouds: Amount, 1; Kind, St cu; Direction, SW
Velocity of clouds (miles per hour)

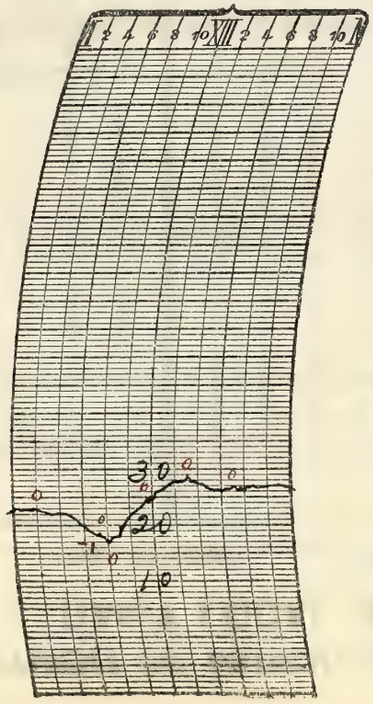
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was mostly clear during the day with increasing cloudiness during the late afternoon becoming overcast at night.
Rising temperatures.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 11 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	26	26	27	29	29	29	31	32	34	36	38	38	37	37	36	35	35	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending			SPB 2:25	---	SPE DN													SMB 5:10	---	---	SME 8:30			
Amounts of precipitation			—	—	—													—	—	—	—			
Cloudiness and other conditions						←					Cloudy										→			

Sunrise: Time, 6:56 Character, Cloudy
Moonrise: 4:54 p Cloudy

Sunset: Time, 4:13 Character, Cloudy
Moonset: 6:57 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.5	0.1	0	0	0.5	0.8	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	W	SW
Wind movement	9	9	9	10	10	12	14	13	14	15	15	15	12	12	12	9	8	8	7	8	6	9	13	11

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

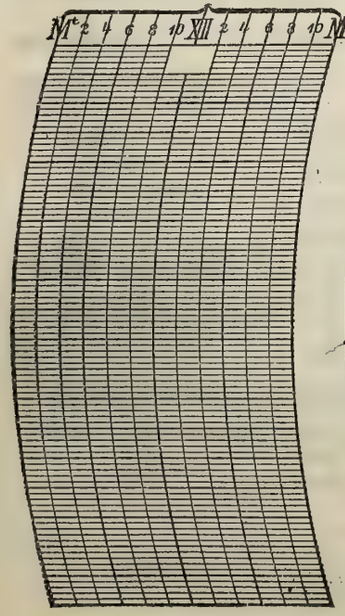
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	25	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, 1:03 am 4 full moon
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.9 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 20
Prevailing wind direction, SW Total wind 260
Average hourly velocity, 10.8 Extreme velocity, 21
Maximum velocity, 20 Direction, W
Time began, 10:23 pm.
Reduced barometer, 30.11 7 a. m. 30.03 7 p. m.
River gage, 3.3 feet
Relative humidity, 67 7 a. m. 75 7 p. m.

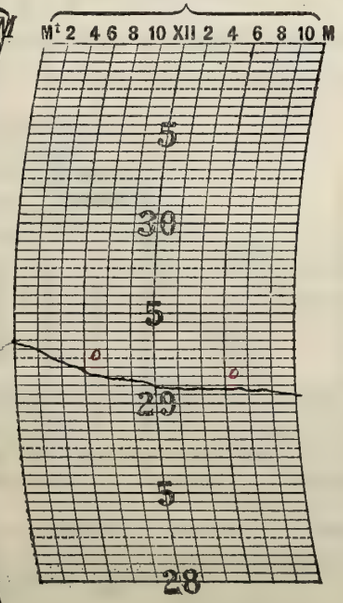
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.5 Wet temperature, 29.5
Dew-point, 23 R. humidity, 62 V. pressure, 118
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

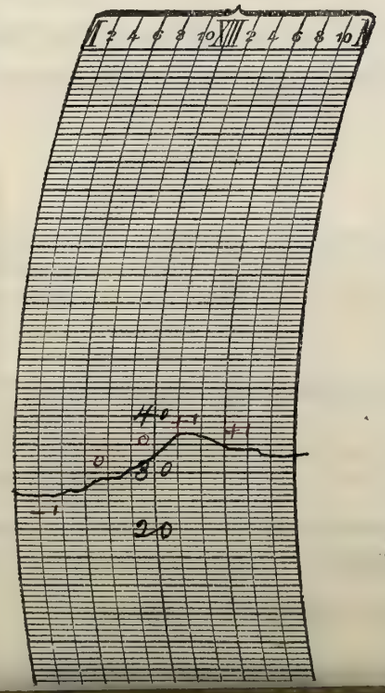
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky remained overcast the greater part of the day and light snow occurred in the early morning and again at night.

Temperatures about normal.

Prepared by O.H.R.
Verified by P. McDonough

FORM NO. 1012—REV. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 12 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	31	30	29	29	28	27	29	33	36	39	42	44	44	42	40	40	40	41	41	43	43	42
State of weather. Nature of precipitation and time of beginning and ending															RB 2:50	—	—	—	—	—	—	RE DN		
Amounts of precipitation															—	—	—	—	—	—	—	—		
Cloudiness and other conditions						←					Cloudy									→				

Sunrise: Time, 6:57 Character, Cloudy
Moonrise: 5:40 p Cloudy

Sunset: Time, 4:13 Character, Cloudy
Moonset: 7:49 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.2	0	0	0.2	0.9	0.6	0	0	0							
Wind direction	SW	W	W	SW	W	SW	SW	S	S	S	S	S	S	S	SW	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	11	11	11	6	8	8	9	11	10	14	16	17	20	20	20	17	16	17	17	16	13	11	9	11
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

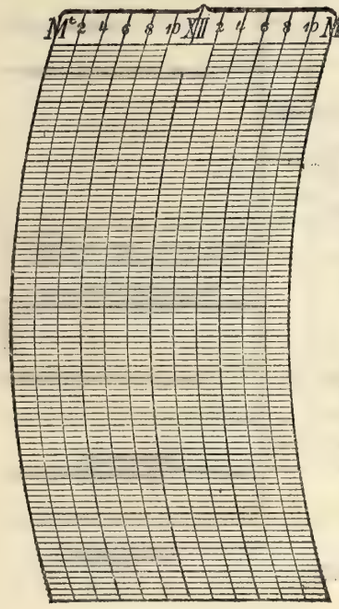
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	27	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.9 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 20
Prevailing wind direction, SW Total wind 319
Average hourly velocity, 13.3 Extreme velocity, 25
Maximum velocity, 24 Direction, S
Time began, 1:27 p.m
Reduced barometer, 29.91 7 a. m. 29.43 7, p. m.
River gage, 3.3 feet
Relative humidity, 71 7 a. m. 96 7 p. m.

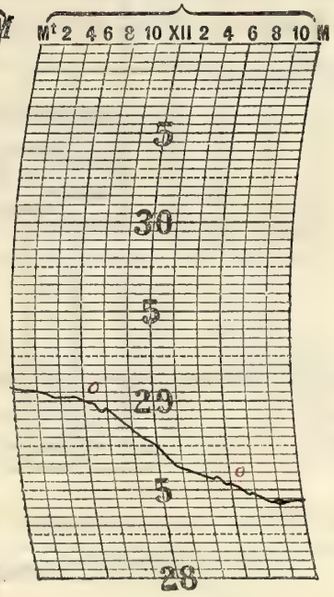
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.0 Wet temperature, 36.3
Dew-point, 33 R. humidity, 78 V. pressure, .187
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

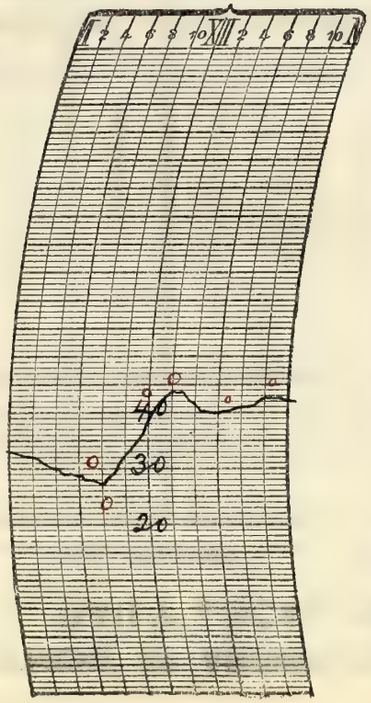
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with a light rain during the afternoon and evening.
Temperature slightly above the seasonal average.
Strong south and southwest winds.

Prepared by O.E.R.
Verified by P. McDonough,

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 13 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	39	39	38	38	38	38	38	37	37	35
State of weather: Nature of precipitation and time of beginning and ending							RB 6:35	RE 705				
Amounts of precipitation							–	–				
Cloudiness and other conditions						←	Cloudy			×	Pt Cloudy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	32	31	31	30	29	28	27	26	25	23
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy		×				Clear			→		

Sunrise: Time, 6:58 Character, Cloudy
Moonrise: 6:30 p Clear

Sunset: Time, 4:13 Character, Clear
Moonset: 8:36 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0.2	0.3	1.0	1.0	1.0
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	12	13	16	18	15	20	20	22	26	30	36
Maximum velocities (exceeding 29 miles) direction and time										30 W 9:15	36 W 1051	42 W 11:32

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.3 0.6	.22 0							
Wind direction	W	W	W	W	W	W	W	W	SW	W	W	W
Wind movement	32	29	27	20	24	23	19	21	22	22	22	23
Maximum velocities (exceeding 29 miles) direction and time	38 W 12:45	~~42 W 705~~ 33 W 705	39 W 209	30 W 312	34 W 403							

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	23	32	

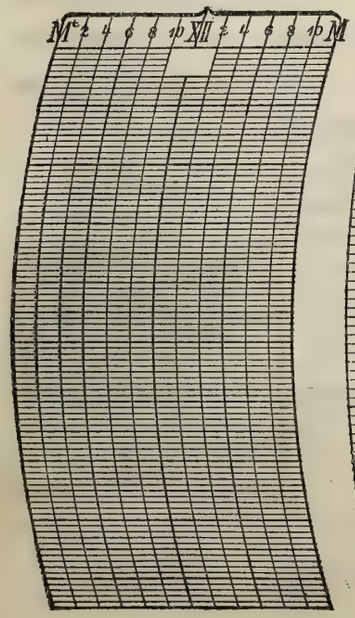
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy; moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.4 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 80
Prevailing wind direction, W Total wind 523
Average hourly velocity, 21.8 Extreme velocity, 56
Maximum velocity, 42 Direction, W
Time began, 1:59 p.m.
Reduced barometer, 29.46 7 a. m. 29.73 7 p. m.
River gage, 3.5 feet
Relative humidity, 83 7 a. m. 47 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

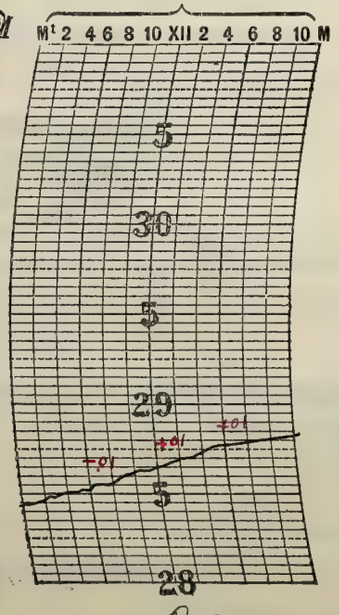
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.0 Wet temperature, 28.5
Dew-point, 16 R. humidity, 41 V. pressure, 0.85
Clouds: Amount, 3; Kind, St-Cu; Direction, NW
Velocity of clouds (miles per hour)

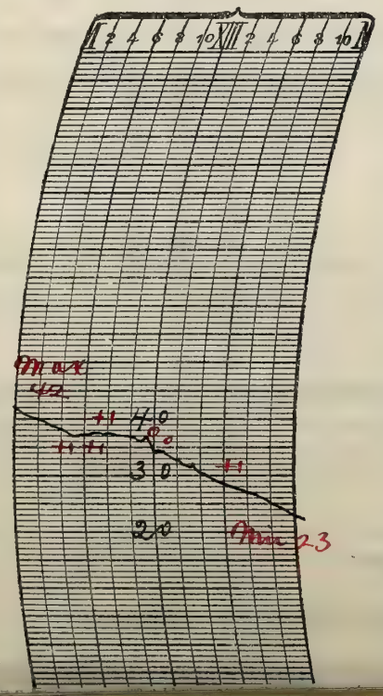
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with a light shower in the early morning. The temperature was falling slightly during the greater part of the 24 hours.
High winds from the west.
Moonlight at night.

Prepared by O.E.B.
Verified by T. M. Donnegan

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 14 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	20	20	20	20	20	21	21	22	23	25	26	26	26	25	25	23	22	23	23	23	24	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy				→ Pt cldy		✗ clear		✗ Pt cldy				✗ clear		✗ cloudy →				
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	1.0	1.0	1.0	0.1	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	22	22	20	21	20	16	18	17	19	19	20	16	17	17	13	11	7	5	5	4	3	4	3	3

Sunrise: Time, 6:58 Character, Cloudy
Moonrise: 7:23p Cloudy
Sunset: Time, 4:13 Character, Cloudy
Moonset: 9:20a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

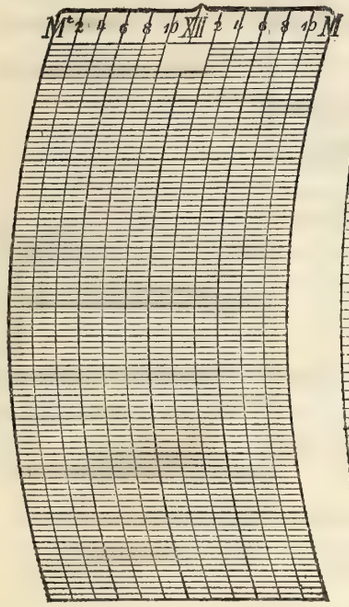
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	20	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.5 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 49
Prevailing wind direction, W Total wind 322
Average hourly velocity, 13.4 Extreme velocity, 27
Maximum velocity, 25 Direction, W
Time began, 12:03 a m.
Reduced barometer, 29.93 7 a. m. 30.14 7 p. m.
River gage, 3.4 feet
Relative humidity, 63 7 a. m. 59 7 p. m.

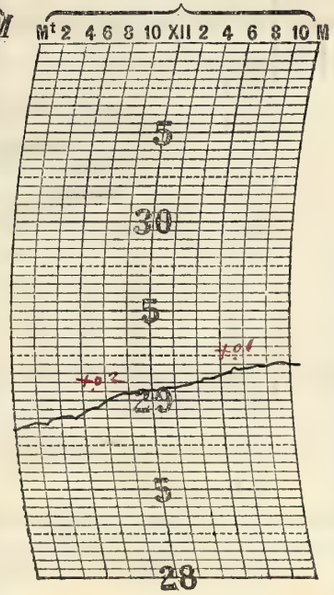
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 25.2 Wet temperature, 21.2
Dew-point, 11 R. humidity, 50 V. pressure, .066
Clouds: Amount, 3; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

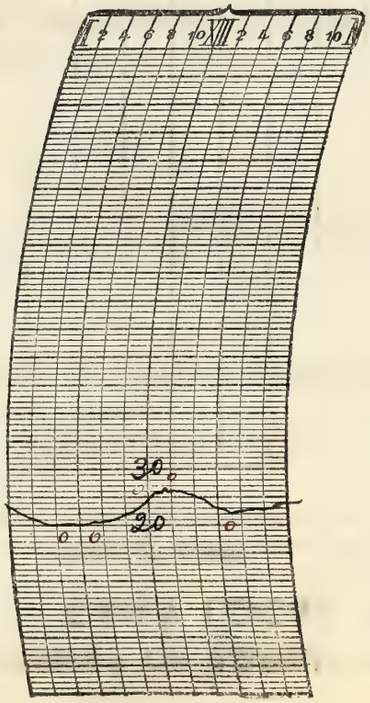
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The amount of cloudiness varied from time to time during the day. The sky was clear for a while during the evening and the moon and brighter stars were visible but it became cloudy again later at night.
A chilly day with strong west winds.

Prepared by O.E.R.
Verified by P. McDonough,

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 15 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	24	24	24	24	25	26	27	27	28	29	30	31	31	30	29	29	28	27	26	26	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							<				Cloudy					X			clear			>		
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	SE	SE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	2	2	3	3	3	5	5	6	7	7	8	8	9	9	9	8	9	8	7	7	7	6	7	5

Sunrise: Time, 6:59 Character, Cloudy
Moonrise: 8:19p Clear

Sunset: Time, 4:14 Character, Clear
Moonset: 10:00 a Cloudy

0.5 .23

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

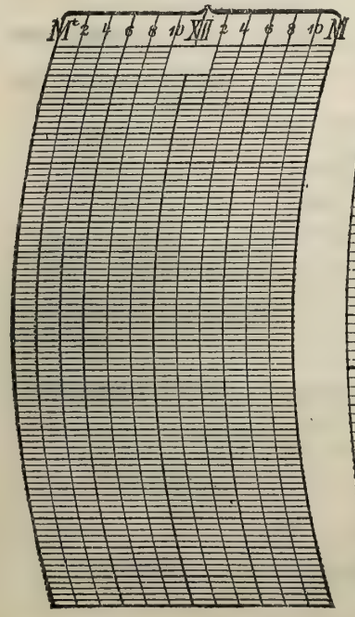
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	24	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 8
Prevailing wind direction, E Total wind 150
Average hourly velocity, 6.2 Extreme velocity, 11
Maximum velocity, 11 Direction, SE
Time began, 2:59 p. m
Reduced barometer, 30.14 7 a. m. 30.06 7 p. m.
River gage, 3.5 feet
Relative humidity, 74 7 a. m. 55 7 p. m.

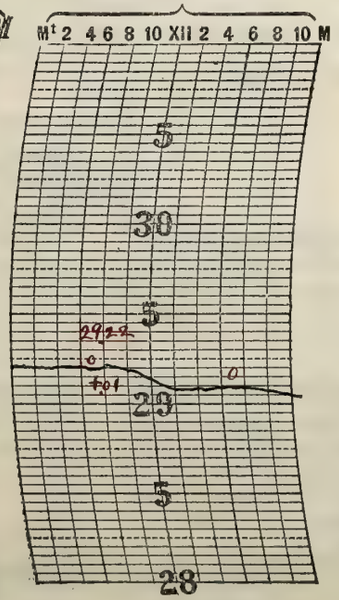
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.4 Wet temperature, 24.6
Dew-point, 17 R. humidity, 57 V. pressure, .089
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

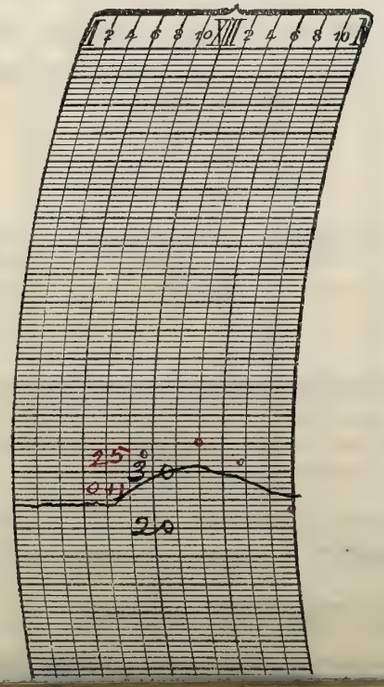
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The sky was over cast until late in the afternoon. Clear into the night. Moon and stars visible.
Temperatures about seasonal.

Prepared by C.H.R.
Verified by C. McDonough

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 16 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	27	28	30	32	35	37	40	42	45	46	47	50	51	51	51	48	47	47	47	46	40	41
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:15						
Amounts of precipitation																		—	—	—	—	—	—	—
Cloudiness and other conditions						←			← Dense Fog		Cloudy		Light Fog				→							

Sunrise: Time, 7:00 Character, Cloudy
Moonrise: 9:17p Cloudy

Sunset: Time, 4:14 Character, Cloudy
Moonset: 10:35a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0.2	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	SE	SE	S	S	S	SW	SW	S	SW	SW	W	NW	W	SW	SW	W	NW
Wind movement	3	4	3	2	2	2	1	2	4	3	6	8	11	7	8	4	3	3	3	3	3	3	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	25	38	

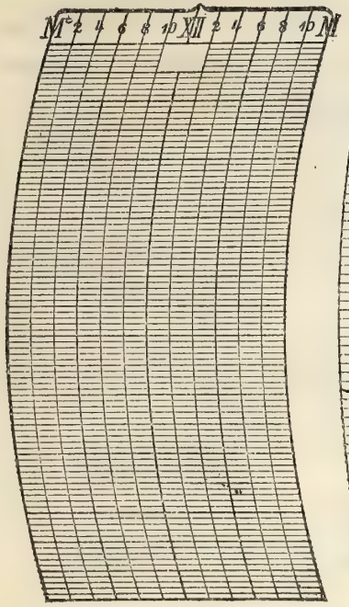
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .20 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 2
Prevailing wind direction, E Total wind 100
Average hourly velocity, 4.2 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 12:29 p.m.
Reduced barometer, 29.98 7 a. m. 29.99 7 p. m.
River gage, 3.2 feet
Relative humidity, 73 7 a. m. 96 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

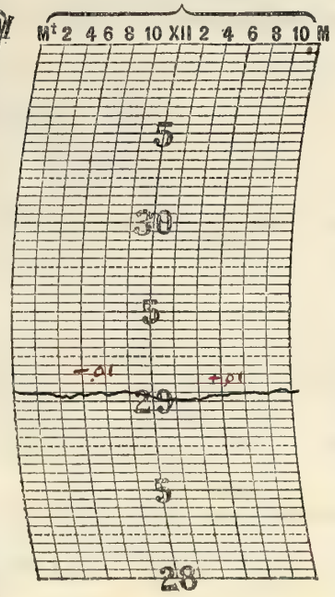
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.3 Wet temperature, 45.8
Dew-point, 45 R. humidity, 96 V. pressure, .298
Clouds: Amount, 5; Kind, St Fog; Direction, SW
Velocity of clouds (miles per hour)

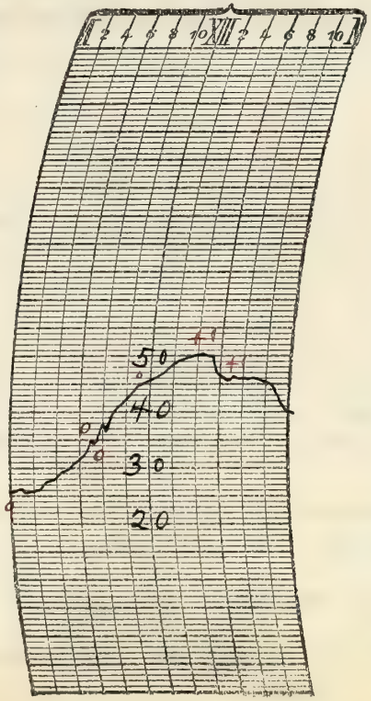
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by O.E.R.
Verified by P. McDonough

8—486

NOTES. * Estimated

Dense Fog Began 7:30 am and Ended 11:15 am
Light Fog Began 11:15 am and Ended 5:00 pm.
Cold Wave warning received at 9:21 am. A minimum temperature of 10° above zero was indicated.

The day was foggy and damp. The streets were wet most of the day from the heavy fog. A light rain began in the evening and continued past midnight. Temperatures above normal.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 17 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	38	38	37	36	35	34	34	35	35	35
Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	—	—	—	—	—	Rain
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NW	NW	W	W	W	NW	NW	W	W	W	NW	NW
Wind movement	7	4	3	5	7	6	8	5	7	7	7	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	34	33	33	33	31	31	31	31	31	31
Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	—	—	—	—	—	—
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	N	NW	NE	NE	NE	NE	NE	NE	E	NE
Wind movement	8	7	4	6	5	8	8	8	8	9	11	9

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 10:17 p Cloudy

Sunset: Time, 4:14 Character, Cloudy
Moonset: 11:08 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

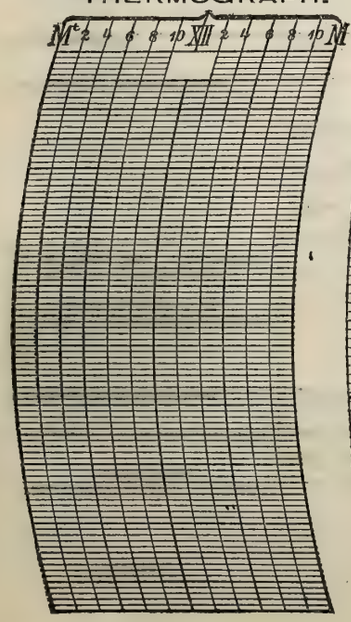
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	31	36	

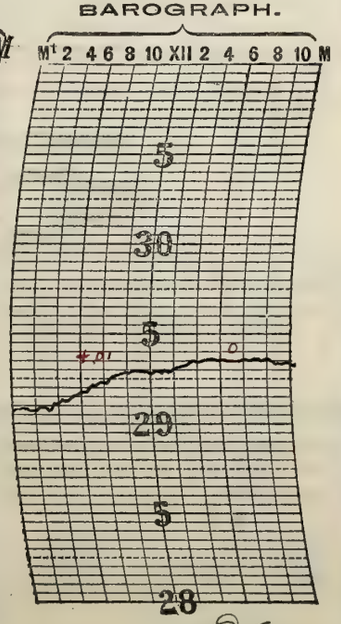
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .48 ins.; to 7 p. m., .07 ins.
Total precipitation, midnight to midnight, .56* inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind 165
Average hourly velocity, 6.9 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 9:05 p.m.
Reduced barometer, 30.16 7 a. m. 30.317, p. m.
River gage, 3.5 feet
Relative humidity, 91 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 34.5 Wet temperature, 33.8
Dew-point, 33 R. humidity, 93 V. pressure, .187
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

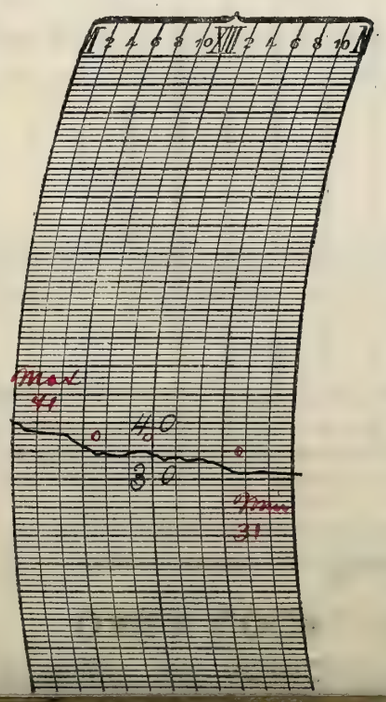
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. *Estimated.

Rainfall, midnight to 7 am, .29 estimated; 7 am to 7 p.m. .07 measured; 7 p.m to midnight .20 estimated. Rain continued to fall the entire 24 hours. The fall was heaviest in the early morning and was only a light sprinkle at times during the day. Temperatures were slightly above the normal.

The temperature did not fall sufficiently to verify the cold wave forecasted on the previous date.

Prepared by O.E.R.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 18 1924, 192

Time (local standard). 90° mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	31	31	32	32	32	32	32	32	32	32	33	33	33	33	33	33	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending												Rain												
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	E	NE	NE	NE	0	0	NE	NE	NE	NE	NE	E	E	N	NE	N	NE	NE	NE	NE	NE	NE	E
Wind movement	11	11	8	8	7	0	0	7	6	8	4	4	7	5	7	8	7	9	12	11	10	9	11	8

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 11:19 p Cloudy
Sunset: Time, 4:15 Character, Cloudy
Moonset: 11:39 a Cloudy

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

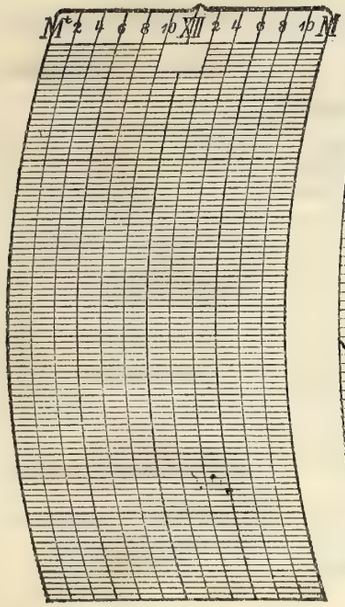
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	31	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .46 ins.; to 7 p. m., .64 ins.
Total precipitation, midnight to midnight, 1.56 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 178
Average hourly velocity, 7.4 Extreme velocity, 19
Maximum velocity, 17 Direction, NE
Time began, 8:40 p.m
Reduced barometer, 30.18 7 a. m. 30.05 7 p. m.
River gage, 4.7 feet
Relative humidity, 90 7 a. m. 100 7 p. m.

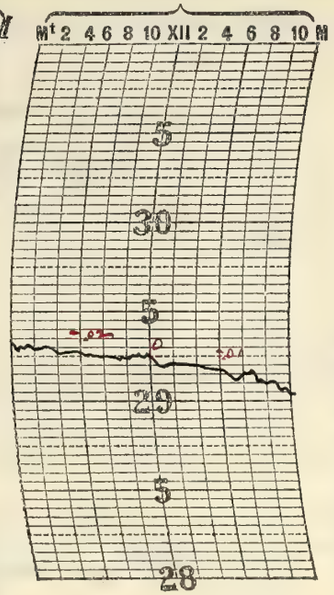
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 31.5
Dew-point, 31 R. humidity, 95 V. pressure, .172
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

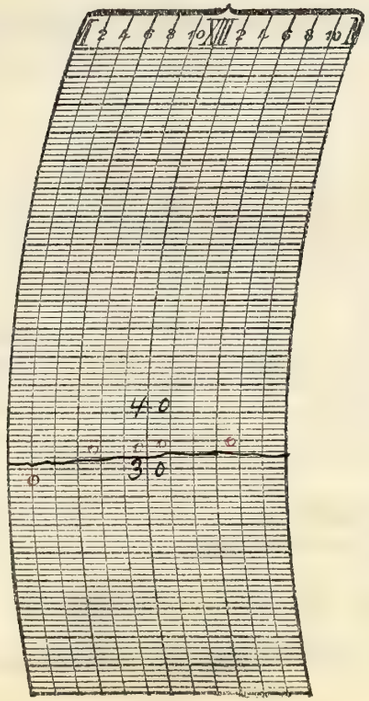
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. * Estimated.

Cold Wave warning received at 9:15 am. Zero temperature indicated.

Two p.m. (75th M.T.) special observation ordered by Chicago.

Roof equipment coated with ice. An ice coating covered trees, telephone and electric wires. Considerable damage was caused to the telephone system and the electric power on account of broken wires and short circuits.

Rain continued the entire 24 hours. Amounts: Midnight am to 7 am .26 in, estimated; 7 a.m. to 1 p.m. .50 in. measured; 1 p.m. to 7 p.m. .14 in. measured; 7 p.m. to midnight .60 in.

The temperature remained about freezing all day.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 19 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	35	35	35	34	33	33	31	30	28	25	22
Nature of precipitation and time of beginning and ending	--	--	--	--	RE DN				SNB 8:45	--	--	--
Amounts of precipitation	—	—	—	—	-				—	—	—	—
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	SE	W	W	SW	W	W	SW	W	W	W	W
Wind movement	10	7	7	10	9	13	14	14	20	21	19	22

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	19	19	18	16	15	14	13	12	11	9	8
Nature of precipitation and time of beginning and ending	--	-	—	—	-	-	—	—	—	--	SNE DN	
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	20	18	18	18	19	15	18	19	19	18	18	17

Sunrise: Time, 7:02 Character, Cloudy
Moonrise: — —

Sunset: Time, 4:15 Character, Cloudy
Moonset, 12:10p Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

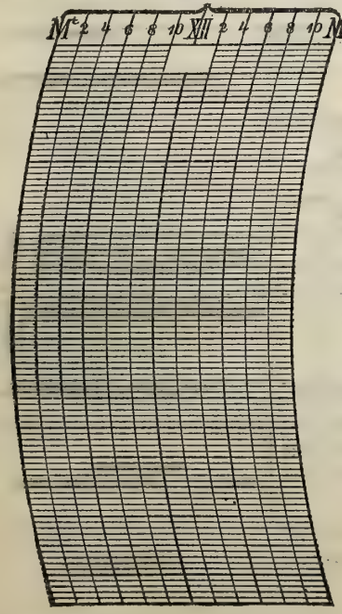
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	8	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .92 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .32 inches.
Character of day, Cloudy Moon phase, Last Quarter 4:11 a.m.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 383
Average hourly velocity, 16.0 Extreme velocity, 31
Maximum velocity, 27 Direction, W
Time began, 11:08 am
Reduced barometer, 30.06 7 a. m. 30.51 7 p. m.
River gage, 12.9 feet
Relative humidity, 80 7 a. m. 80 7 p. m.

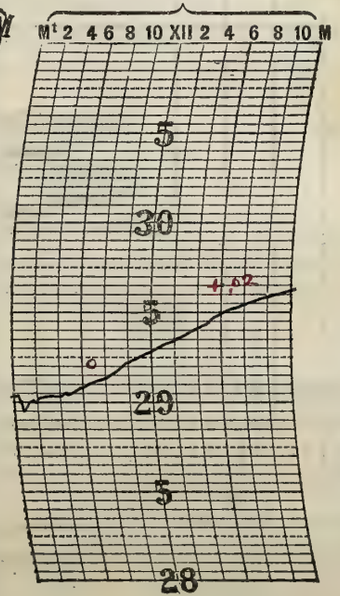
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.2 Wet temperature, 21.2
Dew-point, 19 R. humidity, 86 V. pressure, .098
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

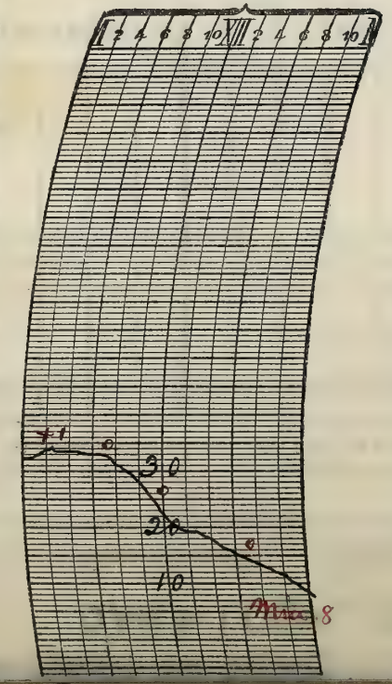
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. ° Estimated

The sky was overcast the entire day. The rain that had fell continuously since 5:15 p.m. on the 16th, ended during the night a.m. A light snow fell from 8:45 a.m. till during the night p.m.

Warning for cold wave tonight received at 8:52 a.m. Minimum temperature indicated zero.

The temperature fell gradually from 7 a.m. until ~~post~~ midnight. High winds from the west made the weather cold and disagreeable.

Warning issued to cover stage of 18 feet in the Maumee River by the 21st.

Prepared by O.G.R.

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 20 1924, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	5	4	4	2	1	1	0	1	4	6	7	7	7	8	8	7	6	6	6	7	9	9	8
State of weather. Nature of precipitation and time of beginning and ending												Sd B 11:10	–	Sd E 1:45										
Amounts of precipitation												–	–	–										
Cloudiness and other conditions						← Cloudy		× Pt Cldy			×		Cloudy			×				Clear		→		

Sunrise: Time, 7:02 Character, Cloudy
Moonrise: 12:23 a Cloudy

Sunset: Time, 4:15 Character, Cloudy
Moonset: 12:40 p Cloudy

Sunshine (in tenths of hours)								0	0.5	0.8	0.2	0	0	0.2	0.9	0.1	0							
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	16	16	16	16	15	14	12	12	13	13	13	13	14	13	14	12	9	10	9	9	10	11	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

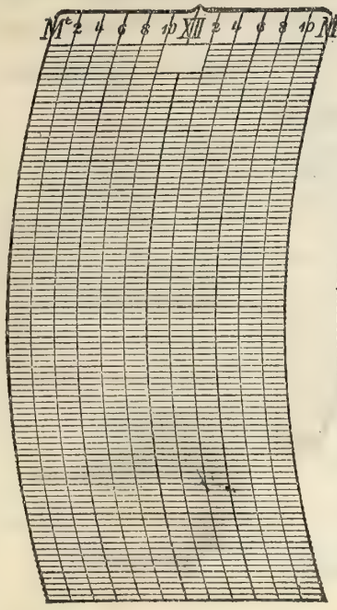
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
9	0	4	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 29
Prevailing wind direction, SW-W Total wind 307
Average hourly velocity, 12.8 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 12:02 a. m
Reduced barometer, 30.78 7 a. m. 30.87 7 p. m.
River gage, 14.4 feet
Relative humidity, 78 7 a. m. 82 7 p. m.

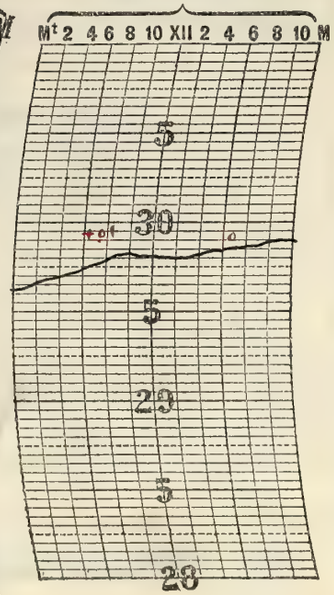
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 7.2 Wet temperature, 6.8
Dew-point, 5 R. humidity, 90 V. pressure, .049
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

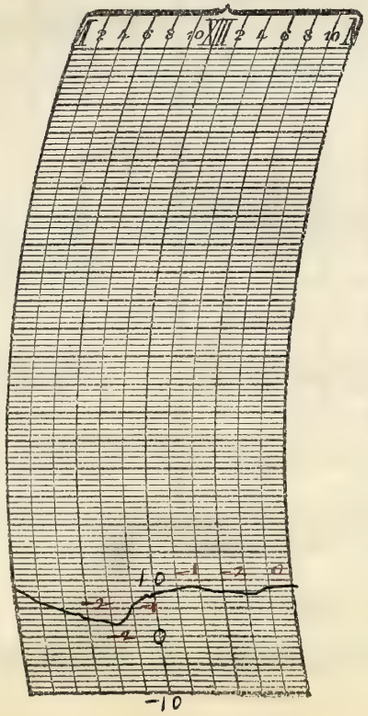
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with a light snow flurry near noon. Clear at night.
A very cold day with zero temperatures in the forenoon.

Prepared by O.W.B.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 21 1924, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	7	5	4	4	2	2	3	3	4	8	9	11	12	13	14	14	13	13	13	13	13	13	13	13
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear					Pt cloudy				×		Cloudy							

Sunrise: Time, 7:03 Character, Clear
Moonrise: 1:29a Clear

Sunset: Time, 4:16 Character, Cloudy
Moonset: 1:12p Cloudy

Sunshine (in tenths of hours)								0.5 0	0.5 0.3	0.8	1.0	1.0	1.0	0	0.4	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	10	7	9	10	10	8	8	9	8	8	10	10	10	11	10	7	6	8	10	10	8	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

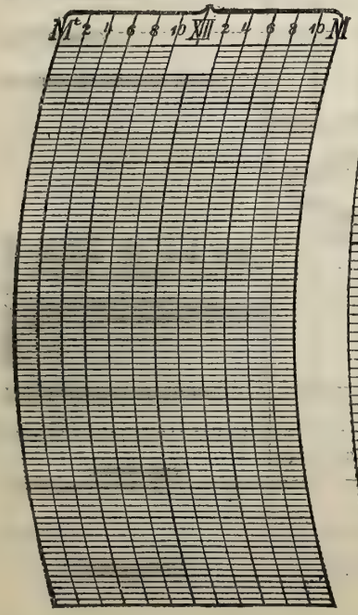
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
14	1	8	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 65
Prevailing wind direction, SW Total wind 212
Average hourly velocity, 8.8 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 12:04 P.M.
Reduced barometer, 30.88 7 a. m. 30.68 7 p. m.
River gage, 12.6 feet
Relative humidity, 83 7 a. m. 66 7 p. m.

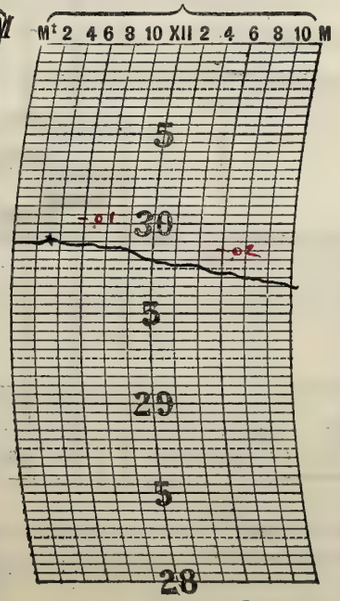
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 11.4 Wet temperature, 9.2
Dew-point, -1 R. humidity, 55 V. pressure, .036
Clouds: Amount, 4; Kind, a St.; Direction, W
Velocity of clouds (miles per hour)

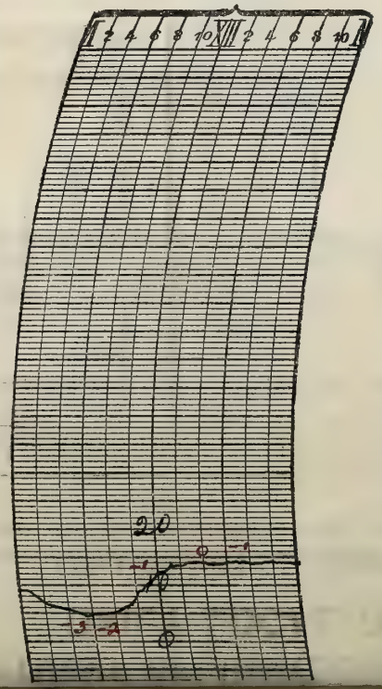
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Winter Solstice (Winter commences) 8:46 p.m.
Shore and floating ice.
A partly cloudy day with low temperatures. Brighter stars visible at night through the clouds.

22° Solar Halo observed 12:30 p.m.

Prepared by O.E.R.
Verified by P.M. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 22 1924, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	12	12	12	12	11	13	12	13	15	16	17	19	20	21	21	20	19	18	18	17	17	18	18
State of weather. Nature of precipitation and time of beginning and ending			S4B DNa	---	S4E DNa																			
Amounts of precipitation			-	-	-																			
Cloudiness and other conditions					←	Cloudy		X				Pt	Cloudy				X		Clear			→		

Sunrise: Time, 7:03 Character, Cloudy
Moonrise: 2:38a Cloudy
Sunset: Time, 4:16 Character, Cloudy
Moonset: 1:48p Cloudy

Sunshine (in tenths of hours)								0	0.5	0.9	1.0	1.0	1.0	0.5	0.1	0.2	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	8	8	7	9	9	9	8	8	8	9	8	8	9	12	10	13	8	10	10	8	9	10	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

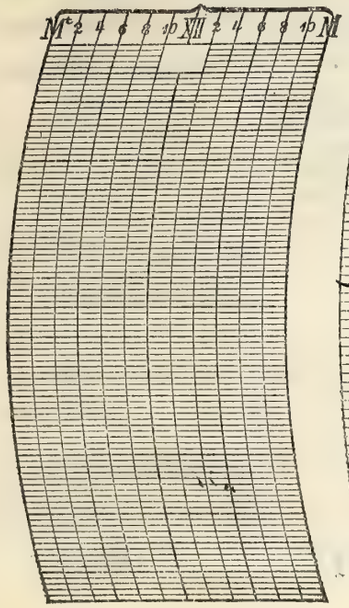
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	11	16	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 57
Prevailing wind direction, SW Total wind 215
Average hourly velocity, 9.0 Extreme velocity, 17
Maximum velocity, 16 Direction, S
Time began, 3:28 p.m
Reduced barometer, 30.53 7 a. m. 30.32 7 p. m.
River gage, 12.6 feet
Relative humidity, 92 7 a. m. 65 7 p. m.

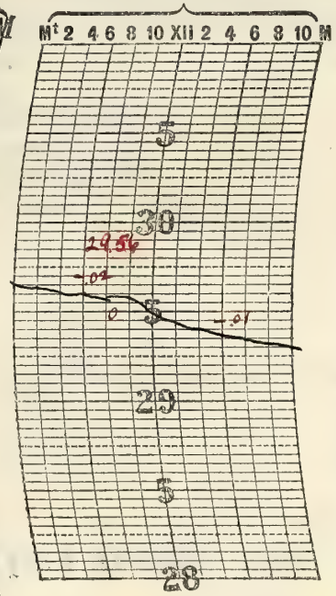
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 16.6 Wet temperature, 15.5
Dew-point, 12 R. humidity, 82 V. pressure, .070
Clouds: Amount, 4; Kind, St+Cu; Direction, W
Velocity of clouds (miles per hour)

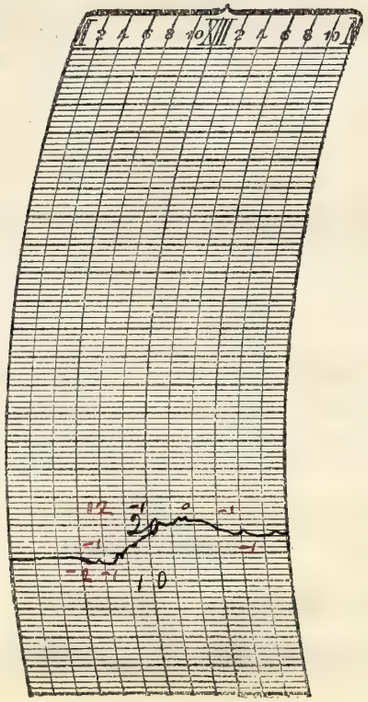
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Snowfall to 7 a.m. 0.3 inch.
The day was partly cloudy with slowly rising temperature. A light snow fell during the night a.m. The sky was clear at night p.m with brighter stars visible.

Prepared by OEK
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 23 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	19	20	21	21	21	21	23	24	24	24	24
State of weather: Nature of precipitation and time of beginning and ending			SNB DN	—	—	—	—	—	—	—	—	—
Amounts of precipitation			—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, Character	7:04 Cloudy											
Moonrise:	3:49a Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	8	7	6	7	8	9	7	6	7	8	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	26	26	26	25	24	24	23	23	23	22	22
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	—	—	—	—	—	—	—	—	—
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions												
Sunset: Time, Character									4:17 Cloudy			
Moonset:									2:30p Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	3	4	3	4	5	6	8	5	6	5	7

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

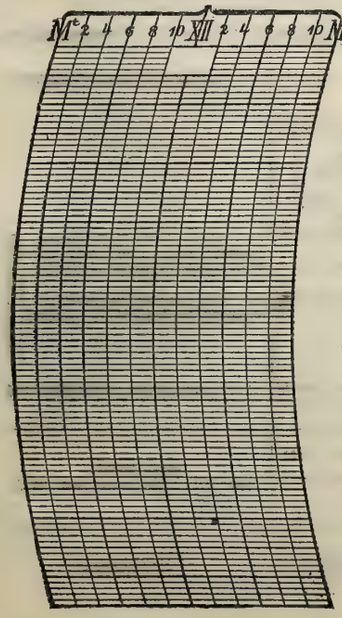
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	18	22	

Total depth of snow for 24 hours ending 7 p. m., 2.6 inches.
Snow, sleet, and hail on ground 7 p. m., 2.6 inches.
Total snowfall, midnight to midnight, 3.0* inches.
Precipitation to 7 a. m., 0.5 ins.; to 7 p. m., .17 ins.
Total precipitation, midnight to midnight, .25* inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind 149
Average hourly velocity, 6.2 Extreme velocity, 1.0
Maximum velocity, 10 Direction, S
Time began, 11:18 am
Reduced barometer, 30.17 7 a. m. 30.007 p. m.
River gage, 12.2 feet
Relative humidity, 86 7 a. m. 98 7 p. m.

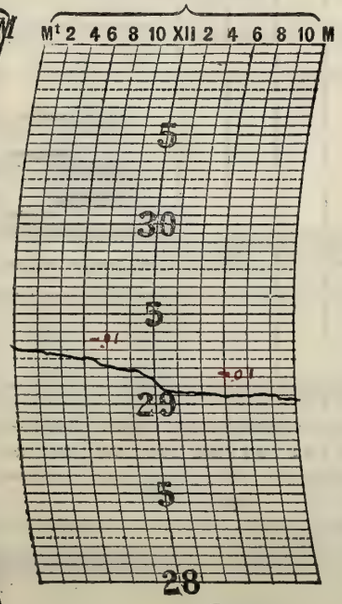
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 23.6 Wet temperature, 23.6
Dew-point, 24 R. humidity, 100 V. pressure, .124
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

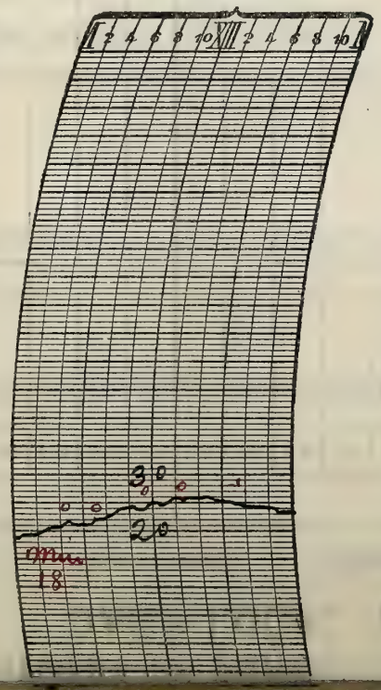
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. * Estimated

Snowfall to 7 am 0.6 inch.
Cloudy the entire 24 hours.
Snow started falling during the night a.m. and continued past midnight. The fall was very light at times.
The temperature was still slightly below the seasonal average.
Sidewalks slippery in places from packed snow.

Prepared by O.E.R.
Verified by F. McDonough

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 24 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	21	20	19	18	18	16	17	18	21	22
State of weather: Nature of precipitation and time of beginning and ending	--	--	--	sdE ON					sdB 805 sdE 840			
Amounts of precipitation	-	-	-	-					—			
Cloudiness and other conditions			L	—	Cloudy →				←	Clear		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	20	17	14	12	10	7	2	0	-2	-5
State of weather: Nature of precipitation and time of beginning and ending			sdB 2:30	sdE 345								
Amounts of precipitation			—	—								
Cloudiness and other conditions			→	Cloudy	Pt. Cldy	←		Cloudy	→			

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: 5:02 a Cloudy

Sunset: Time, 4:18 Character, Cloudy
Moonset: 3:17 p Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	02	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	4	5	5	8	8	8	8	8	7	7	8	10
Maximum velocities (exceeding 29 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	0.5	0	0							
Wind direction	SW	W	SW	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	10	14	12	15	11	14	12	12	12	10	11	9
Maximum velocities (exceeding 29 miles) direction and time												

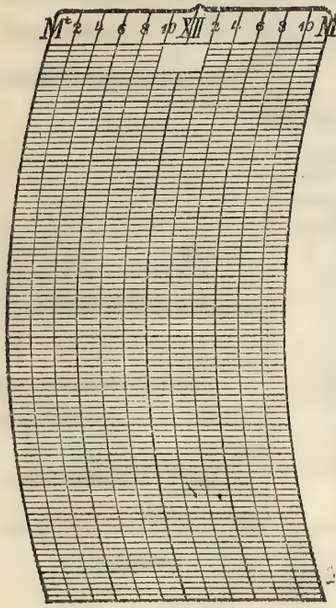
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	-5	9	

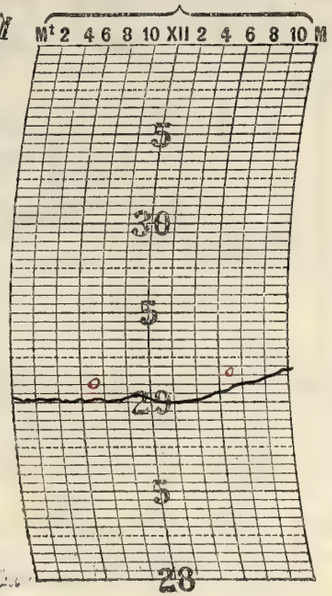
Total depth of snow for 24 hours ending 7 p. m., 08 inches.
Snow, sleet, and hail on ground 7 p. m., 34 inches.
Total snowfall, midnight to midnight, 0.4 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 5.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 62
Prevailing wind direction, SW Total wind 228
Average hourly velocity, 9.5 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 3:10 pm
Reduced barometer, 29.97 7 a. m. 30.06 7 p. m.
River gage, 9.0 feet
Relative humidity, 87 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 22.0 Wet temperature, 19.5
Dew-point, 13 R. humidity, 65 V. pressure, 0.70
Clouds: Amount, 7 cu; Kind, St. cu; Direction, W
Velocity of clouds (miles per hour)

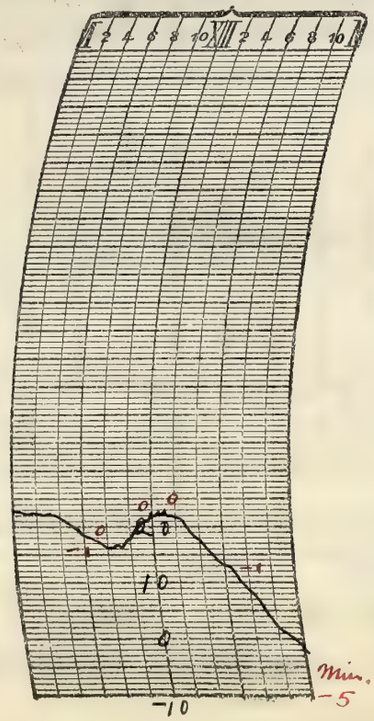
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. * Estimated

Snowfall to 7 am 0.8 inch.
Snowfall to 7 pm a trace.
Variable cloudiness during the day but mostly partly cloudy. The temperature did not vary much until after 3 pm, when it began to fall sharply, the night being intensely cold and unpleasant.

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 25 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-7	-8	-10	-10	-10	-11	-9	-7	-5	-1	1	4	6	7	7	6	3	2	1	0	-1	-3	-3	-4
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy								Clear								→			
Sunshine (in tenths of hours)								0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0						
Wind direction	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S
Wind movement	11	12	13	15	16	17	16	13	13	14	13	12	14	13	13	12	12	10	9	12	12	10	10	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:05; Character, Cloudy. Moonrise: 6:13a Cloudy.

Sunset: Time, 4:18; Character, Clear. Moonset: 4:13p Clear.

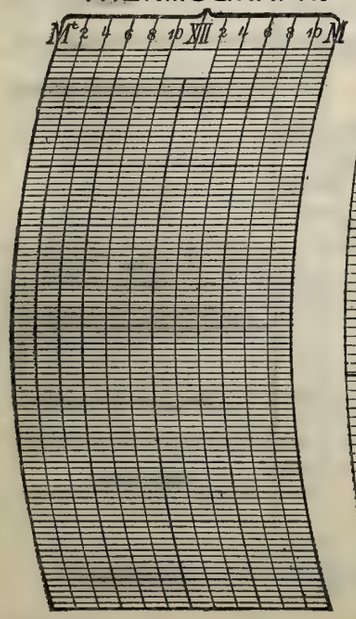
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
7	-11	-2	

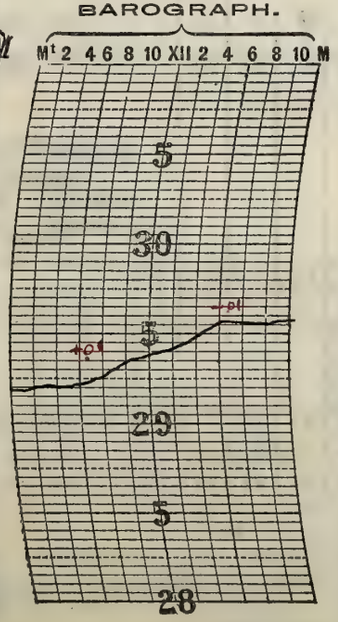
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase, 9:46 p.m. New moon
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 8.0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 87
Prevailing wind direction, SW Total wind 304
Average hourly velocity, 12.7 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 5:08 am.
Reduced barometer, 30.26 7 a. m. 30.56 7 p. m.
River gage, 7.3 ft
Relative humidity, 80 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 44 Wet temperature, 3.0
Dew-point, -5 R. humidity, 63 V. pressure, .029
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

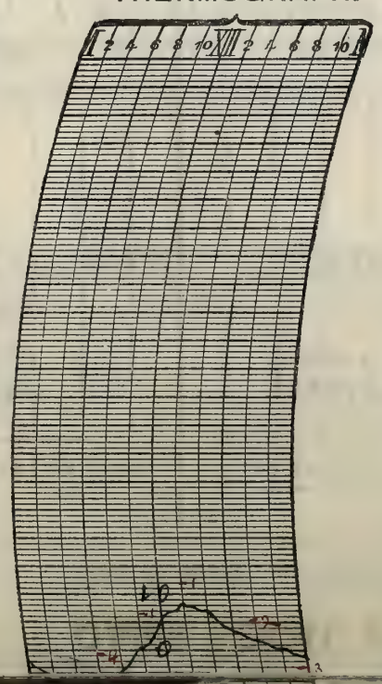
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cold wave without warning occurred from a.m. of 24th to a.m. of 25, 18° to -9°, a fall of 27°.

A clear day with zero temperatures accompanied by a moderate southwest wind. Stars bright at night.

Prepared by O. L. R.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 26 1924, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-4	-5	-4	-2	-1	0	1	4	8	11	16	18	22	23	24	23	21	21	21	22	21	20	17	16
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Clear											
Sunshine (in tenths of hours)								92 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	03 07	.32 0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	12	13	12	12	14	16	14	17	17	20	20	21	21	27	19	20	20	20	18	20	20	21	20	19
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:05 Character, Clear
Moonrise: 7:21a Clear
Sunset: Time, 7:19 Character, Clear
Moonset: 5:16p Clear

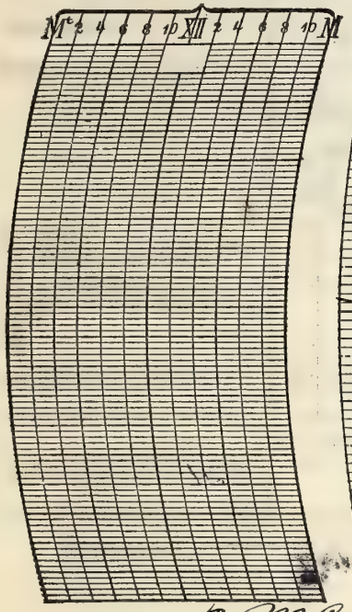
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	-5	10	

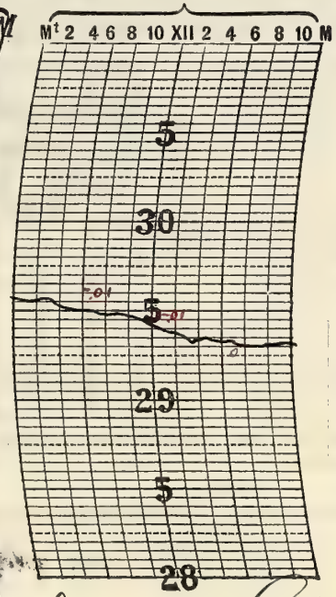
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 29 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind 428
Average hourly velocity, 17.8 Extreme velocity, 30
Maximum velocity, 26 Direction, S
Time began, 11:31 a.m.
Reduced barometer, 30.47 7 a. m. 30.29 7 p. m.
River gage, 7.0 feet
Relative humidity, 81 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 18.3 Wet temperature, 15.3
Dew-point, 6 R. humidity, 54 V. pressure, .052
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

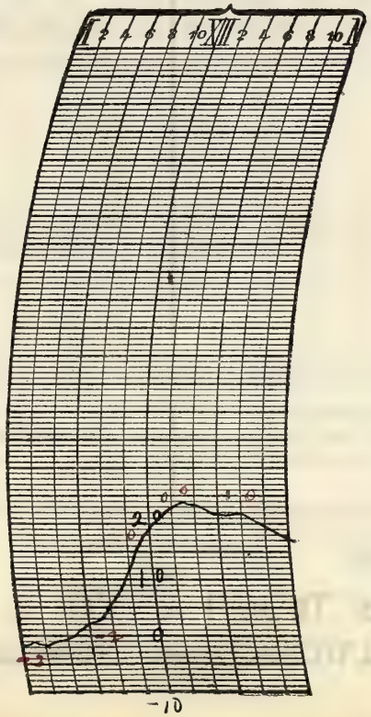
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear day. Cold in the early morning with temperature 5° below zero, but weather moderated after the a. m. observation, with a maximum temperature of 24°.

Chicago ordered a two pm (75th mt.) special observation.

Prepared by C. McDonough

Verified by DCR

8—486

-10

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 27 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	14	13	12	13	16	18	22	20	17	14	13
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)								0	0	0	0.9	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	NW
Wind movement	19	16	13	10	8	10	10	9	16	14	15	14
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 7:05 Character, Cloudy
Moonrise: 8:21a Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	12	11	8	7	6	5	4	3	0	0	-1
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunshine (in tenths of hours)	1.0	0	0	0	0							
Wind direction	NW	NW	NW	N	NW	NW	NW	NW	N	W	W	SW
Wind movement	15	13	11	9	7	8	7	5	6	5	5	5
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 4:19 Character, Cloudy
Moonset: 6:24p Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	-1	10	

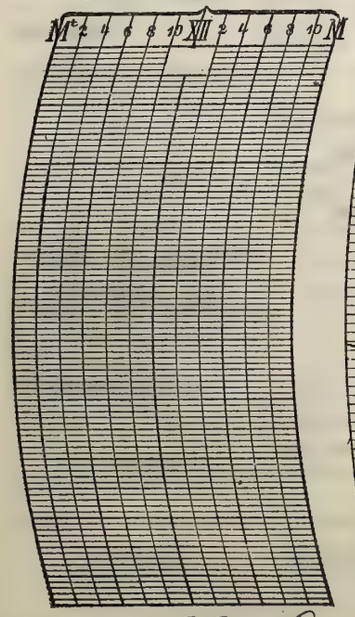
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.9 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 32
Prevailing wind direction, NW Total wind 250
Average hourly velocity, 10.4 Extreme velocity, 22
Maximum velocity, 21 Direction, SW
Time began, 12:52 a.m.
Reduced barometer, 30.367 a. m. 30.61 7 p. m.
River gage, 3.3 feet
Relative humidity, 84 7 a. m. 68 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

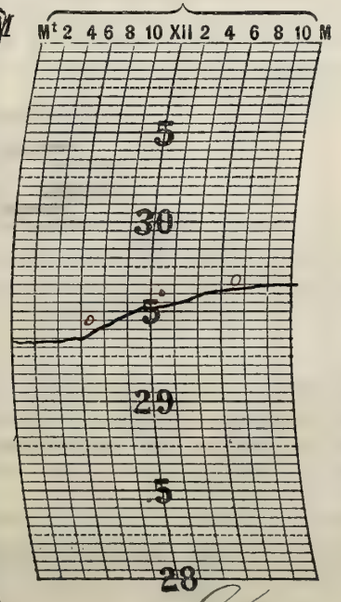
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 13.0 Wet temperature, 11.0
Dew-point, 3 R. humidity, 62 V. pressure, .044
Clouds: Amount, 8; Kind, Stcu; Direction, N
Velocity of clouds (miles per hour)

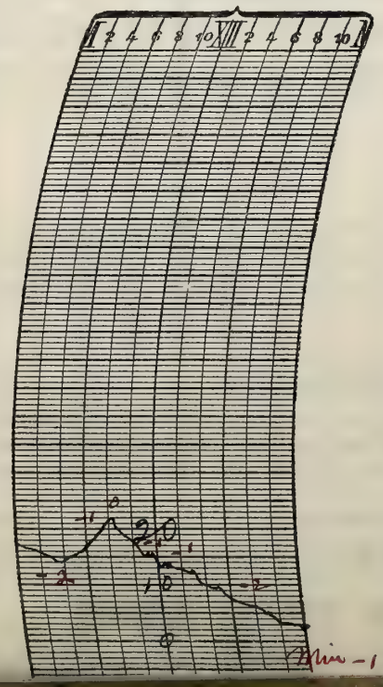
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally cloudy, but clear at night. Temperature fell steadily in the last half of day. Intensely cold at night.

In accordance with order from Chicago, a 2 pm special observation (75th M.T.) was taken and sent to Washington

Prepared by P. McDonough
O. L. R.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 28 1924, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-2	-4	-6	-9	-11	-13	-15	-17	-14	-8	-3	2	4	3	4	4	4	3	3	2	4	4	5	6
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)								.90 0	0.7 0.3	1.0	1.0	1.0	1.0	0.3	0	0	0							
Wind direction	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	S	S	S	S	S
Wind movement	5	7	7	8	7	9	9	8	7	8	6	9	9	9	6	7	9	7	6	6	7	7	6	5

Clear — Pt cldy — Cloudy

Sunrise: Time, 7:06 Character, Clear
Moonrise: 9:12a Clear

Sunset: Time, 4:20 Character, Cloudy
Moonset: 7:35p Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
6	-17	-6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 67
Prevailing wind direction, SW Total wind 174
Average hourly velocity, 7.2 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 1:04 p. m
Reduced barometer, 30.68 7 a. m. 30.54 7 p. m.
River gage, 3.2 feet
Relative humidity, 80 7 a. m. 72 7 p. m.

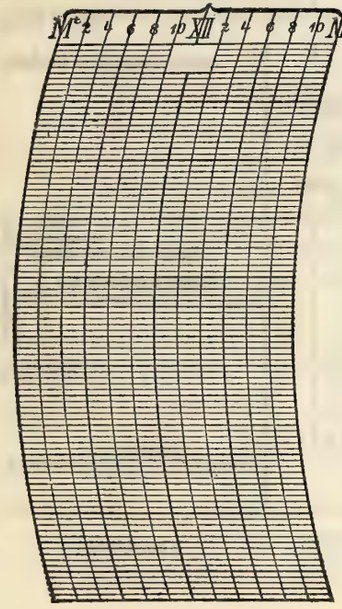
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

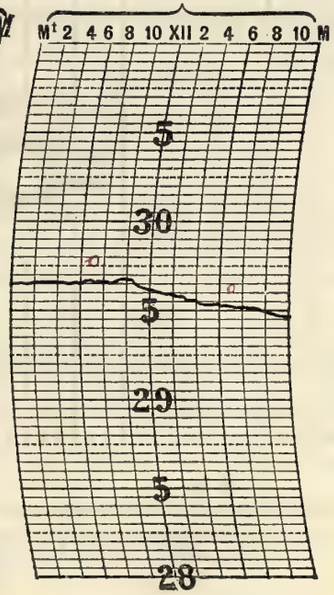
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 2.0 Wet temperature, 0.0
Dew-point, -14 R. humidity, 41 V. pressure, .018
Clouds: Amount, 1; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

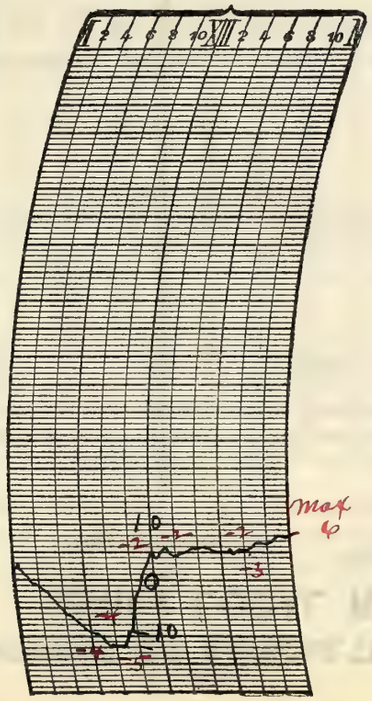
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cold wave without warning from 7 am. 27° to 7 am. 28°; temperature fell 33° from 18° to -15°.

The temperature fell to 17° below zero after the a. m observation, breaking all previous records of low temperature for December.

The cloudiness increased during the afternoon and the sky was over cast into the night.

Prepared by O.E.R.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 29 1924, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	6	6	5	6	7	7	5	7	12	14	18	22	25	27	26	25	23	22	22	21	21	20	18
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)								.9 0	.9 0	0.3	0	0.3	0.8	0	0.3	0	0							
Wind direction	S	E	E	E	S	S	S	S	S	S	S	S	S	S	S	S	SW	S	S	S	SW	SW	SW	SW
Wind movement	3	3	3	5	8	7	7	8	10	8	10	11	11	12	12	9	12	8	10	8	7	6	8	5
Maximum velocities (exceeding 29 miles) direction and time																								

← Clear → Cloudy → Pt cloudy → Clear →

Sunrise: Time, 7:06 Character, Clear
Moonrise: 9:55a Cloudy

Sunset: Time, 4:21 Character, Cloudy
Moonset: 8:45p Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

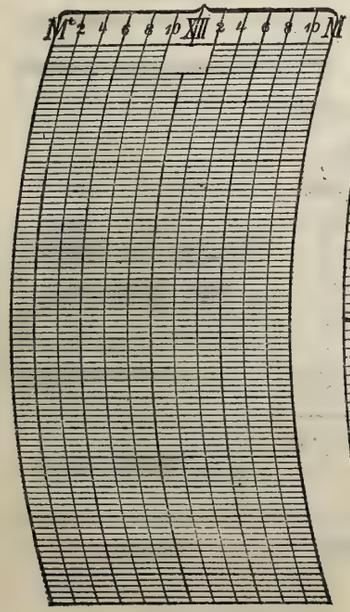
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	4	16	

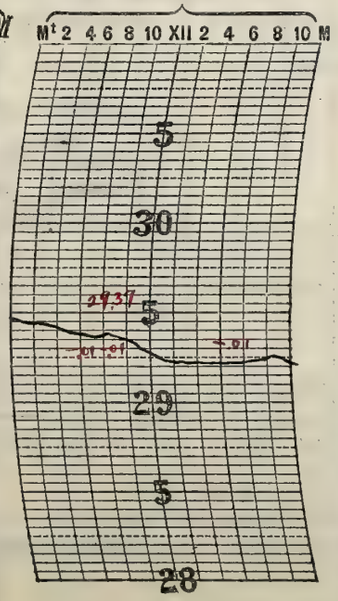
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 2.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 29
Prevailing wind direction, S Total wind 191
Average hourly velocity, 8.0 Extreme velocity, 18
Maximum velocity, 17 Direction, S
Time began, 1:53 p.m.
Reduced barometer, 30.35 7 a. m. 30.18 7, p. m.
River gage, 3.0 feet
Relative humidity, 66 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 18.3 Wet temperature, 15.8
Dew-point, 8 R. humidity, 61 V. pressure, .057
Clouds: Amount, 9; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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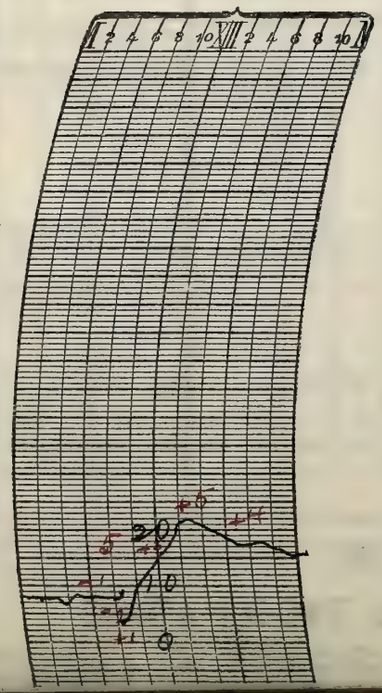


NOTES.

The cloudiness increased towards the middle of the day and then decreased again. Clear at night. Moon and stars visible. Rising temperature.

Prepared by O.E.R.
Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 30 1924, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	16	16	15	14	17	17	17	20	21	23	24	27	26	26	24	24	21	20	20	18	18	17
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Pt Cldy	×		Cldy	×		→			Clear							→		
Sunshine (in tenths of hours)								0	0	0.3	1.0	1.0	1.0	1.0	0.1	0	0							
Wind direction	SW	SW	S	SW	W	W	W	W	W	W	E	NE	E	E	NE	NE	NE	NE	N	N	NE	N	NE	N
Wind movement	7	5	6	5	5	3	2	1	2	1	4	4	4	3	3	3	4	3	4	5	4	5	5	5

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 10:33a Cloudy
Sunset: Time, 4:22 Character, Cloudy
Moonset: 9:53p Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

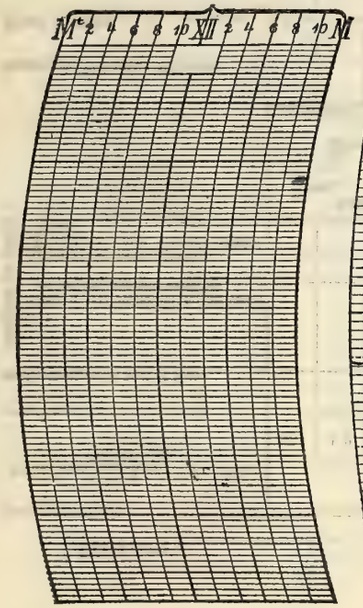
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	14	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 4.4 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 47
Prevailing wind direction, NE Total wind 93
Average hourly velocity, 3.9 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 12:53 am
Reduced barometer, 30.21 7 a. m. 30.24 7 p. m.
River gage, 3.2 feet
Relative humidity, 77 7 a. m. 76 7 p. m.

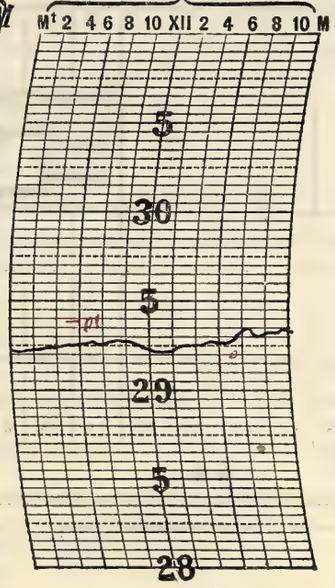
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.7 Wet temperature, 20.2
Dew-point, 14 R. humidity, 66 V. pressure, .077
Clouds: Amount, 3; Kind, ~~St. Fog~~ a St+ Direction, ~~N~~ NE
Velocity of clouds (miles per hour)

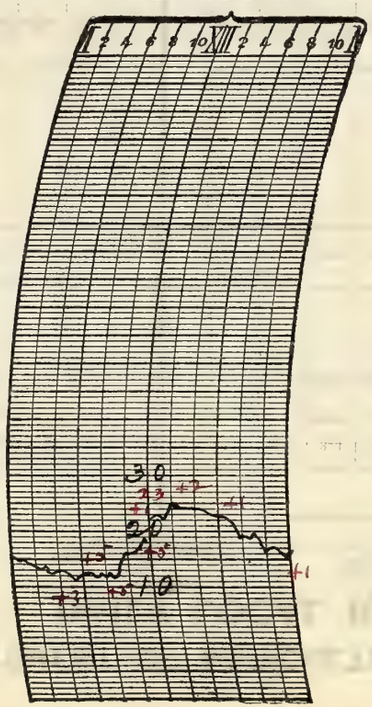
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dense Fog Began 8:10 am Ended 9:20 am
Light Fog Began 9:20 am Ended 12:30 p.m.
Variable cloudiness with fog during the forenoon. Generally clear during the afternoon and into the night. Moon and stars visible.
Temperatures still below the normal

Prepared by O.E.R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 31 1924, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	17	17	17	17	16	16	18	19	20	21	22	22	22	22	21	20	19	20	19	19	19	19	19
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<						Cloudy						X	P.Cldy			>		
Sunshine (in tenths of hours)								0	0	0.2	1.0	1.0	1.0	0.8	0.3	0	0							
Wind direction	N	NE	N	N	N	N	N	NE	NE	N	NE	N	N	NE	NE	NE	N	N	N	N	NE	NE	NE	NE
Wind movement	9	8	8	9	11	11	12	14	14	17	17	19	20	21	19	17	15	16	19	19	19	22	22	23

Sunrise: Time, 7:06; Character, Cloudy. Moonrise: 11:06a Cloudy.

Sunset: Time, 4:22; Character, Cloudy. Moonset: 10:58 Cloudy.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

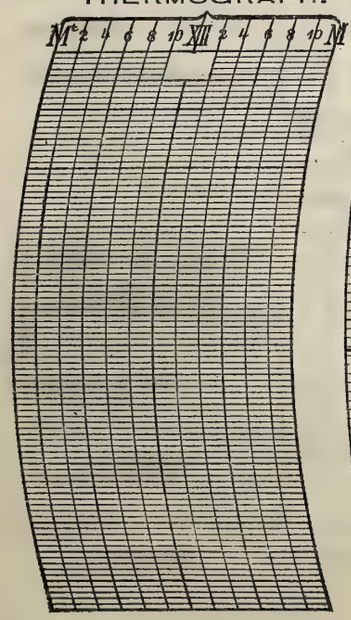
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	15	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.3 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 46
Prevailing wind direction, N Total wind 381
Average hourly velocity, 15.9 Extreme velocity, 30
Maximum velocity, 27 Direction, NE
Time began, 9:40 p.m.
Reduced barometer, 30.41 7 a. m. 30.43 7 p. m.
River gage, 3.2 feet
Relative humidity, 79 7 a. m. 82 7 p. m.

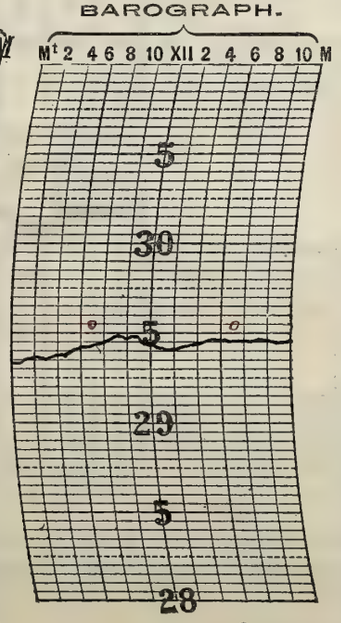
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.8 Wet temperature, 19.9
Dew-point, 15 R. humidity, 73 V. pressure, .081
Clouds: Amount, 8; Kind, Ast; Direction, NW
Velocity of clouds (miles per hour)

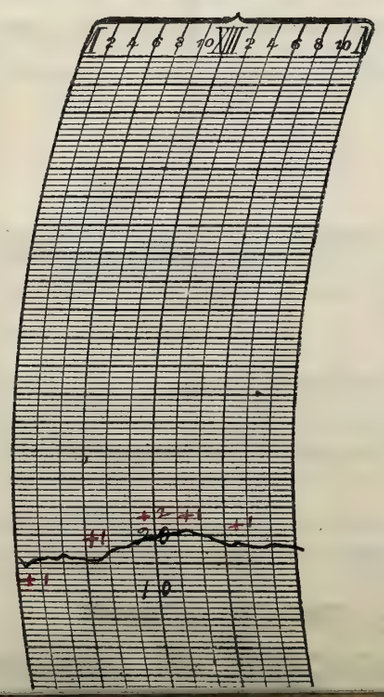
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Upper clouds prevailed the greater part of the day. Partly cloudy into the night. Moon and brighter stars visible through the thin clouds.

Temperature below normal. The weather was unpleasant on account of a strong northeast wind.

22° Lunar Halo observed 5:15 p.m.

Prepared by O.E.R.

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard). ..... mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ... Character, ... Moonrise:																				Sunset: Time, ... Character, ... Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending 7 p. m., ... inches.

Snow, sleet, and hail on ground 7 p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to 7 a. m., ... ins.; to 7 p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0–10), ...

Actual sunshine, hours, ... Possible sunshine, hours, ...

Per cent of possible sunshine, ...

Prevailing wind direction, ... Total wind .....

Average hourly velocity, ... Extreme velocity, ...

Maximum velocity, ... Direction, ...

Time began, ...

Reduced barometer, ... 7 a. m. ..... 7 p. m.

River gage, ...

Relative humidity, ... 7 a. m. ..... 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

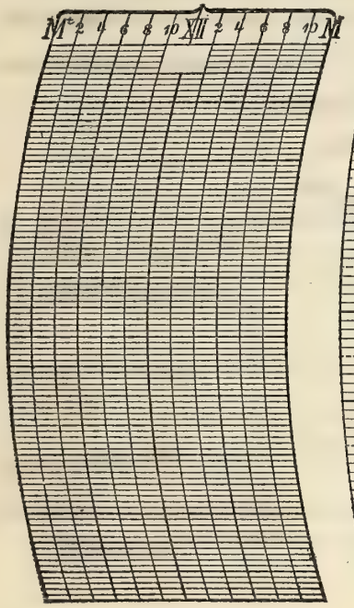
Dry temperature, ... Wet temperature, ...

Dew-point, ... R. humidity, ... V. pressure, ...

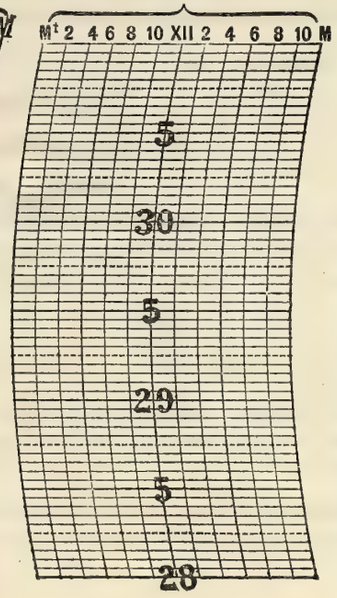
Clouds: Amount, ...; Kind, ...; Direction, ...

Velocity of clouds (miles per hour) .....

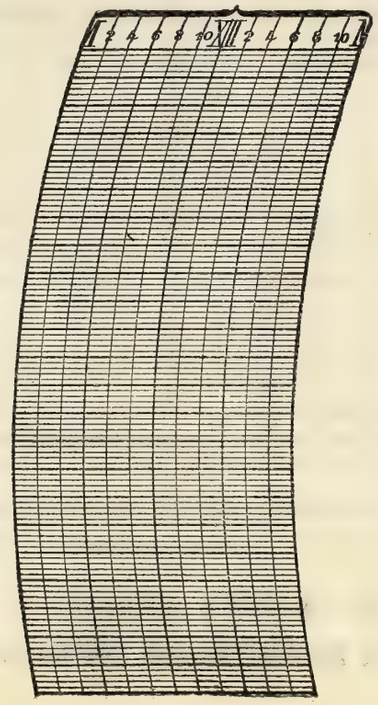
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by .....

Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard). ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____, p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

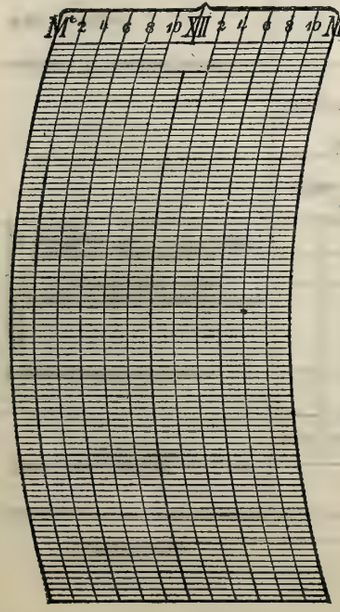
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

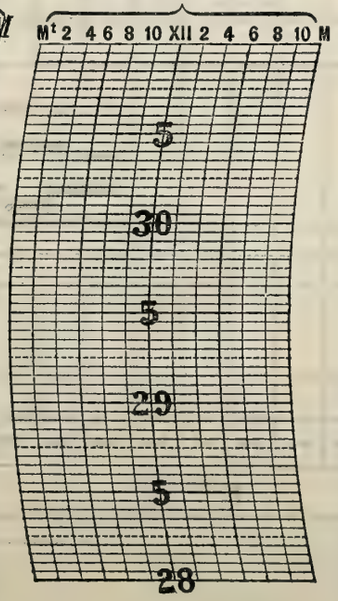
Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

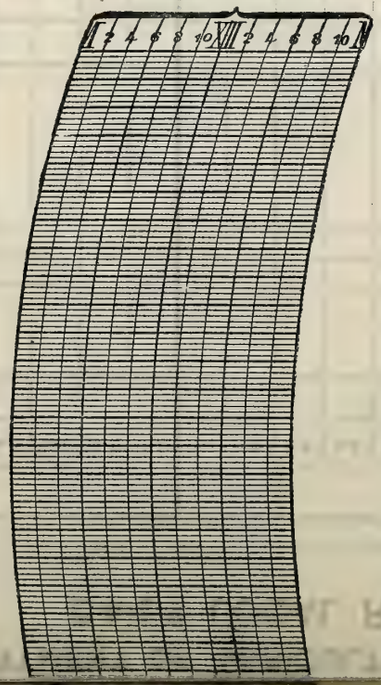
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by _____

Verified by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard). ..... mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, ... Moonrise:																				Sunset: Time, Character, ... Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow, sleet, and hail on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0–10), ...

Actual sunshine, hours, ... Possible sunshine, hours, ...

Per cent of possible sunshine, ...

Prevailing wind direction, ... Total wind .....

Average hourly velocity, ... Extreme velocity, ...

Maximum velocity, ... Direction, ...

Time began, ...

Reduced barometer, ... a. m. ....., p. m.

River gage, ...

Relative humidity, ... a. m. ..... p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

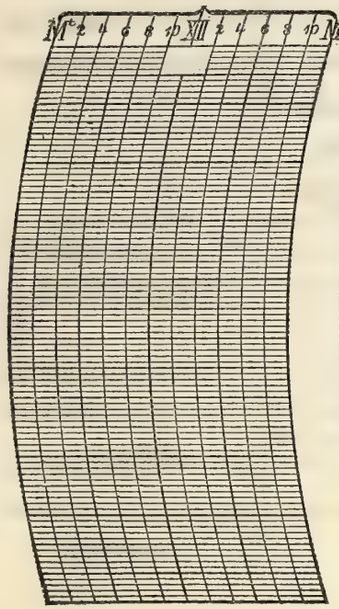
Dry temperature, ... Wet temperature, ...

Dew-point, ... R. humidity, ... V. pressure, ...

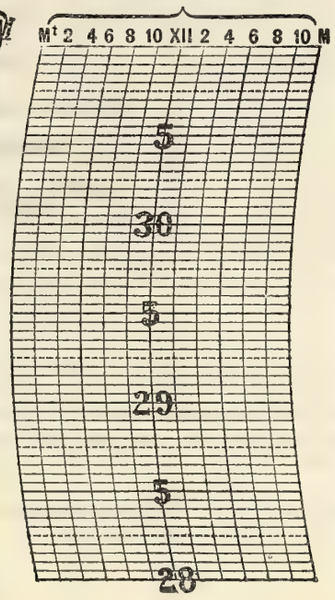
Clouds: Amount, ...; Kind, ...; Direction, ...

Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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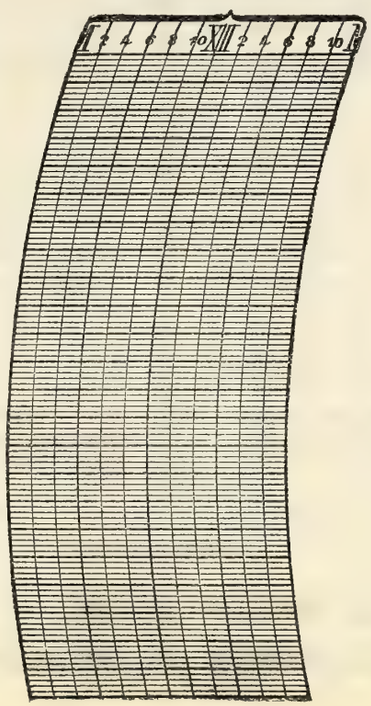

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Prepared by .....

Verified by .....

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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard). ____ mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, ____ ____ Moonrise: ____ ____																				Sunset: Time, Character, ____ ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____, p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

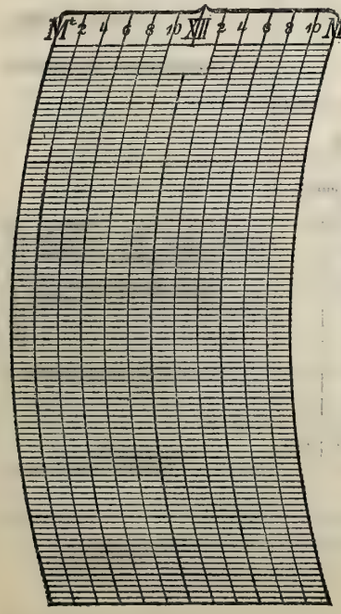
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

THERMOGRAPH.



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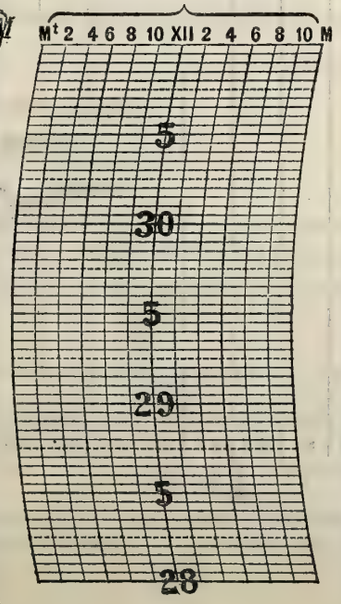

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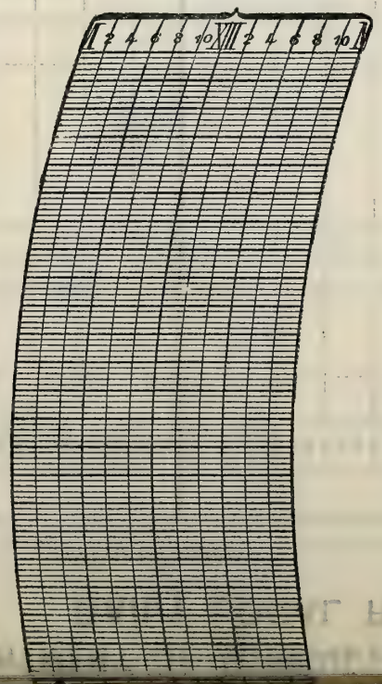

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard). ____ mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour												
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, Character,												
Moonrise:												
Sunshine (in tenths of hours)												
Wind direction												
Wind movement												
Maximum velocities (exceeding ____ miles) direction and time												

P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
								Sunset: Time, Character,			
								Moonset:			

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____, p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

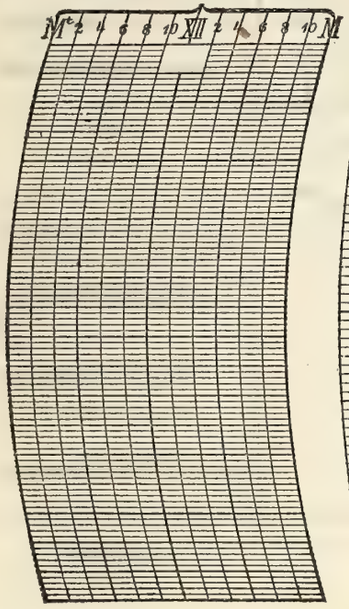
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH.



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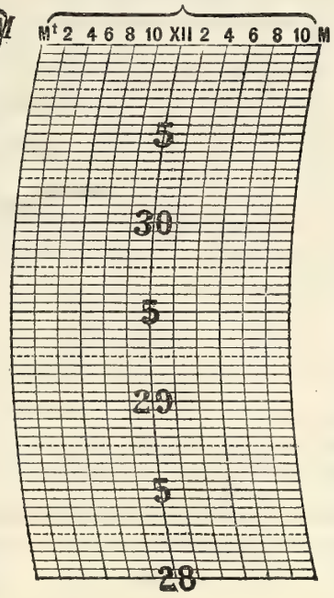

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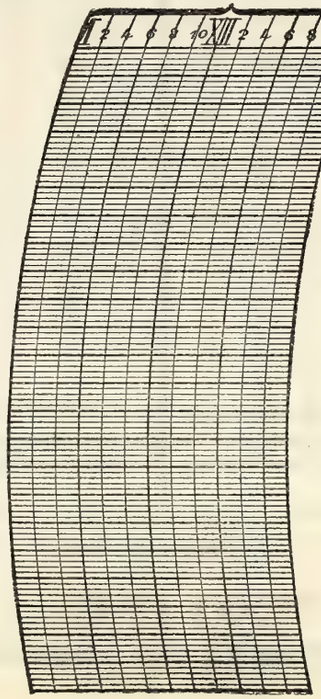

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DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard). ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

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Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____

Reduced barometer, _____ a. m. _____, p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

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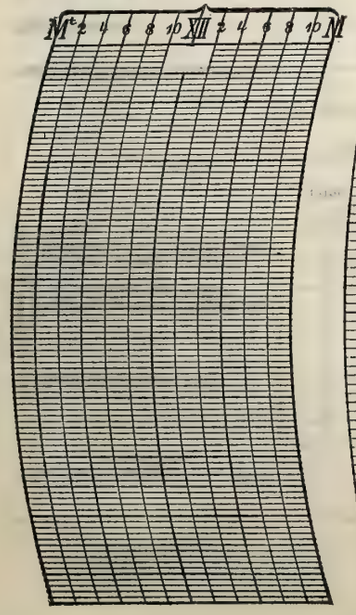

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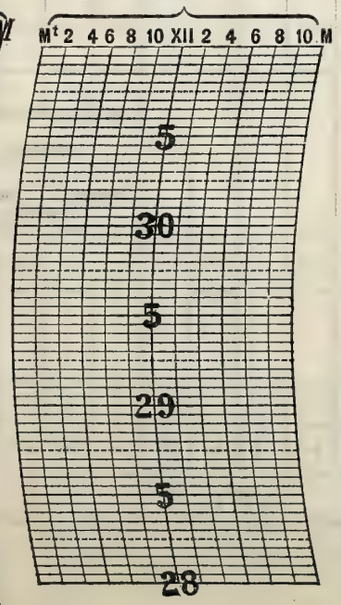

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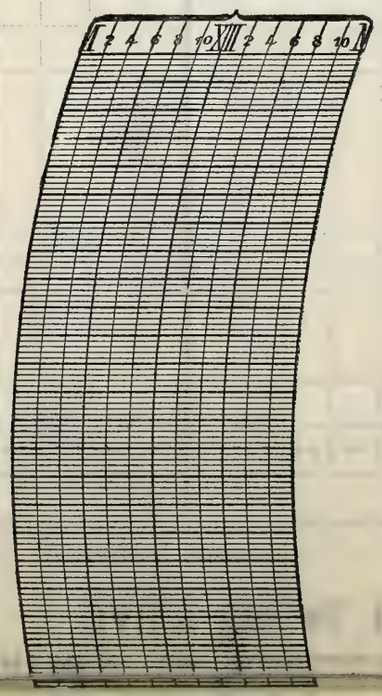

NOTES.

Prepared by _____

INDEX, DAILY LOCAL RECORD, 1924.

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras												
Clouds, special formation						28						
Cold waves	1,5,20,25,26											20,25,28
Dew, heavy deposits of						17	3,8	3,6,16,23,24 25	3,6,16,23,24 25	8,9,12,18		
Droughts							10-19			17-30	1-6	
Earthquakes												
Fires, forest												
Fog, dense	29,31	3,28	29			2,4				13		7,16,30
Floods, other than in rivers												
Frosts, light				23	21				10			
Heavy				10	22					1,21		
Killing				1,2,8,11						22		
First killing after July 15										22		
Last killing before July 15				11								
Last heavy before July 15					22							
First heavy after July 15										1		
Hail. *See* Precipitation												
Ice												
Lightning, damage by				8	7	20,22		8,9				
Deaths by												
Meteors												
Navigation, opening												
Closing												
Impeded												
Observations, not taken												
Taken late												
Special	3,16			21,30	6	28			30		25	4,6,13,18, 26,27.
Optical phenomena, haze										30	5,6,11	
Coronæ	22,	20,21,		17	16			12	9	6	4,12	
Halo, lunar		18,	19									31
Solar	9			3	31	6,23		18,24		20		21
Parhelia								18				
Parselenæ												
Rainbows						28	27,28					
Sunrise, peculiar		9										
Sunset, peculiar								22				
Zodiacal light												
Precipitation, rain, heavy					7	25						
Excessive					7	25						
Sleet												

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INDEX, DAILY LOCAL RECORD, 1924.

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation—Continued.	1,2,3,4,16,12, 16,17,18,19, 24,25	5 6,7,8,9,10,11,12 13,16,17,19,20, 21.	6,7,9,10,11,12 14,15,18,20,21, 22,23,25,26, 30,31.									
Snow, light				1,2,21.							16,23,24,25 27,29,30	4,9,11,19, 20,22,23,24.
Heavy											17	
Hail				8	3		2					
Wet periods		3-12	25-31	16-21	6-11	20-28						
Rivers, rapid rise						9						
Flood stages			29-31	1-3		10-11						
Low-water stages, unusual												
High water, periods of												
Frozen												
Floating débris												
Gorges												
Running ice												
Warnings. *See* Warnings												
Smoke, light								29	23	25,26,27,28,29	18	
Dense										26		
Temperature, unusually high									21			
Unusually low	5,6,20,21, 22,25,26											24,25,26, 27,28
Sudden rise			27, 29	8, 24	5,7,22,23	2,17,19,28	16,20,23,26,28	3	19,25,26	10,13,18	3,5	
Sudden fall	25,		29		6,7,24	20,22,28	24	8,13,22,27	8, 21		7	
Periods of high								4-6, 30-31				
Periods of low	4-6, 20-21, 25-26											19-22 24-29
Thunderstorms			29	8,9,21	3,7,13,23,24	5,8,9,14,18,20, 22,23,25,28	2,7,20,27,28	4,6,8,9,19, 20,22,31	1,2,8,21	4,6	11,12	
Tornadoes												
Warnings, advisory												
Cold wave	3,10,19,25											16,18,19
Emergency												
Frost												
Hurricane												
Rapid rise in river												
Flood			25,29									19
Winds, 25 to 39 miles per hour	1,5,6,18,22, 25	6,9,10,11,18, 19,20,25	6,7,20,27,29, 30.	6,7,9,13,18, 20,22	3,7,17,18,23, 24,25	5,8,9,19,20, 22,28	9,24	4,6,8.		5	1,5,6,7,11 16,26,27	8,9,14,19, 26,31.
40 miles per hour, or over			24									13
Hurricanes												
Glaze		4,5,17										
Clouds—Mammato-Cumulus						28						
Transportation, interrupted		4,5										

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